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WEATHER MAP.

1 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

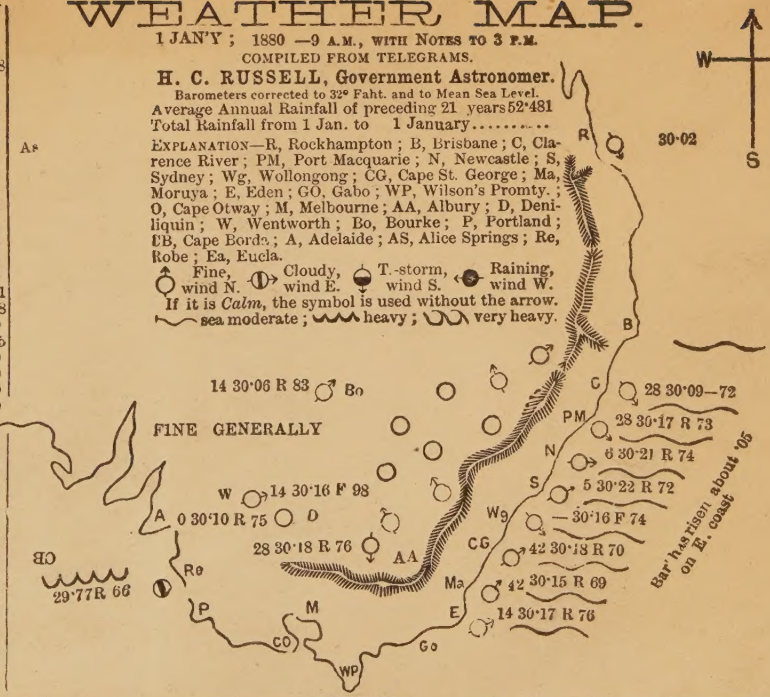
Total Rainfall from 1 Jan. to 1 January.....

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.



Stations	Wth'r	Max	Min	Rain
Casino....	b	78	64	0·28
Tenterfi'ld	b	71	60	0
Grafton..	b	88	63	0
Inverell..	b	84	55	0
Bourke ..	b	97	71	0
Narrabri..	b	86	63	0
Armidale .	u	74	39	0
Bendemeer	b	82	61	0
Gunnedah	...	..	..	..
Coonab'an	b	107	53	0
P. Macqrie	u	76	64	0
Murr'undi	b	86	57	0
Cassilis ..	b	84	62	0
Mus'brook	b	87	56	0
Dubbo...	b	89	64	0·21
Mudgee ..	b	86	59	0·18
Maitland .	b	82	63	0
Newcastle	b	82	61	0·25
Orange ..	b	84	39	0
Bathurst..	b	79	50	0
MtVictoria	c	78	46	0
Forbes...	b	85	61	0
	Ea			
SYDNEY	c	72	59	0
Wentw'th	b	93	74	0
Young...	b	85	61	0
Woll'gong	b	76	54	0
Moss Vale	b	95	74	0
Euston...	b	76	45	0
Goulburn.	b	78	49	0
Wagga...	b	93	64	0
Cape Geo.	b	71	..	0
Queanb'an	b	86	53	0
Deniliquin	b	92	53	0
Albury...	b	85	57	0
Bodalla ..	b	81	51	0
Cooma...	b	81	50	0
Eden.....	b	75	58	0
Gabo Isld.	..	.	..	—

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WEATHER MAP.

2 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 2 January.....

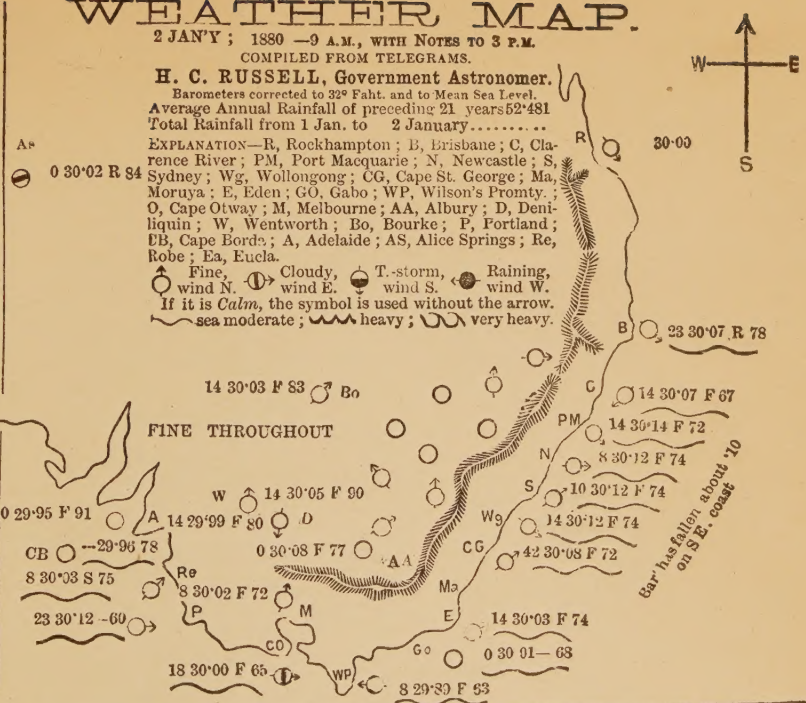
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	83	69	0
Tenterfi'ld	b	70	58	0
Grafton..	b	82	61	0
Inverell..	b	84	54	0
Bourke ..	b	96	67	0
Narrabri..	b	84	64	0
Armidale .	b	75	40	0
Bendemeer	b	83	63	0
Gunnedah	..	..	..	..
Coonab'an	b	..	49	0
P. Macqrie	u	76	59	0
Murr'undi	b	87	57	0
Cassilis ..	b	88	..	0
Mus'brook	b	92	57	0
Dubbo...	b	88	65	0
Mudgee ..	b	85	60	0
Maitland .	b	86	61	0
Newcastle	b	78	64	0
Orange ..	b	91	41	0
Bathurst..	b	84	52	0
MtVictoria	b	83	52	0
Forbes...	b	86	69	0
SYDNEY	b	75	62	0
Wentw'th	b	102	65	0
Young...	b	87	61	0
Woll'gong	b	72	59	0
Moss Vale	..	..	..	..
Euston...	b	86	40	0
Goulburn.	b	88	52	0
Wagga...	b	93	64	0
Cape Geo.	b	73	.	0
Queanb'an	b	91	61	0
Deniliquin	b	97	56	0
Albury...	b	98	58	0
Bodalla ..	b	83	57	0
Cooma...	b	89	49	0
Eden.....	b	76	63	0
Gabo Isld.	b	77	60	0



WEATHER MAP.

3 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 3 January.....

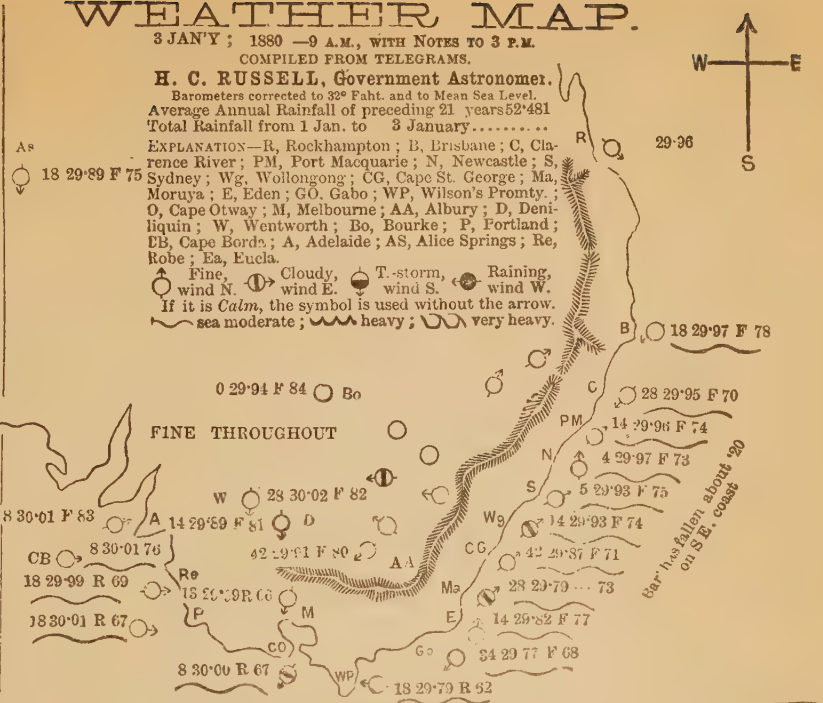
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	81	61	0
Tenterfi'ld	b	72	62	0
Grafton..	b	83	59	0
Inverell..	b	84	53	0
Bourke ..	b	100	71	0
Narrabri..	b	81	67	0
Armidale .	b	76	40	0
Bendemeer	b	83	60	0
Gunnedah	..	..	..	..
Coonab'an	b	..	53	0
P. Macqrie	b	80	62	0
Murr'undi	b	84	62	0
Cassilis ..	b	94	..	0
Mus'brook	b	93	60	0
Dubbo...	b	90	65	0
Mudgee ..	b	93	63	0
Maitland .	b	85	70	0
Newcastle	b	82	63	0
Orange ..	b	89	46	0
Bathurst..	b	90	56	0
MtVictoria	b	86	57	0
Forbes...	b	89	69	0
SYDNEY	b	76	63	0
Wentw'th	b	106	67	0
Young...	b	89	63	0
Woll'gong	b	78	61	0
Moss Vale	..	..	..	
Euston...	b	81	46	0
Goulburn.	b	94	56	0
Wagga...	b	100	57	0
Cape Geo.	b	74	..	0
Queanb'an	b	95	59	0
Deniliquin	b	104	64	0
Albury...	b	103	69	0
Bodalla ..	b	84	58	0
Cooma...	b	92	50	0
Eden.....	b	79	62	0
Gabo Isld.	b	77	64	0



WEATHER MAP.

5 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Fahr. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

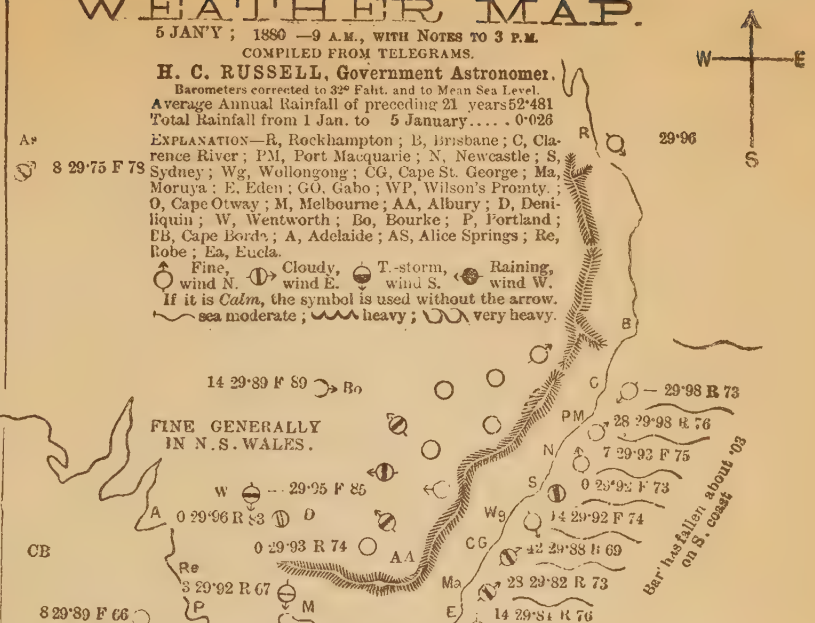
Total Rainfall from 1 Jan. to 5 January..... 0·026

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.



Stations	Weather	Max.	Min.	Rain.
Casino....	b	85	60	0
Cooktown'ld	b	78	65	0
Grafton..	b	87	52	0
Inverell..	b	90	58	0
Bourke ..	b	106	74	0
Darraburi..	..	..	..	..
Armidale .	b	78	40	0
Goondemeer	b	86	63	0
Gunnedah	..	..	..	0
Gunnab'an	b	..	58	..
L. Macquarie	b	79	63	0
Murr'undi	b	86	57	0
Nassilis ..	u	95	..	0
Nus'brook	b	98	65	0
Nubbo...	b	94	69	0
Nudgee ..	b	91	65	0
Maitland .	b	93	69	0
Newcastle	b	82	63	0
Orange ..	b	96	35	0
Bathurst..	b	97	57	0
Mt Victoria	b	9..	55	0
Forbes...	b	91	71	0
		Ea		
SYDNEY	b	76	66	0·03
Penrith	u	105	72	0
Young...	b	91	65	0
Woll'gong	b	73	59	0
Moss Vale	..	.	..	.
Euston...	u	91	55	0
Goulburn.	b	94	55	0
Tagga...	b	100	63	0
Cape Geo.	b	76	.	0
Deanb'an	b	99	54	0
Deniliquin	c	94	55	0
Albury...	b	102	52	0
Condalla ..	b	84	62	0
Cooma...	u	90	69	0
Eden.....	c	80	71	0
Gabo Isld.	c	76	63	0

WEATHER MAP.

6 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 6 January..... 0·026

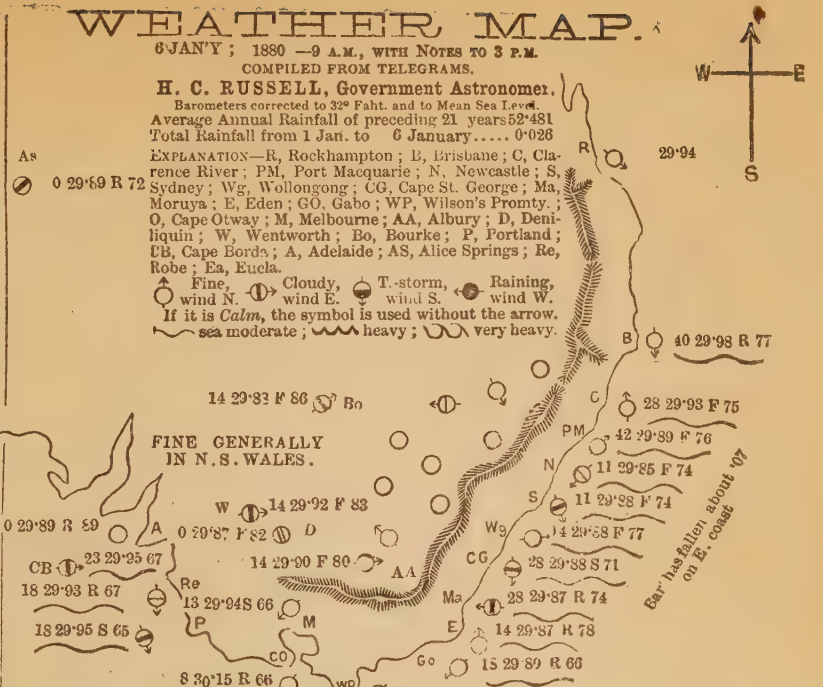
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	88	63	0
Tenterfi'ld	b	80	64	0
Grafton..	b	84	62	0
Inverell..	b	74	69	0
Bourke ..	c	104	76	0
Narrabri..	u	92	72	0
Armidale .	b	90	42	0
Bendemeer	b	89	70	0
Gunnedah	c	99	61	0
Coonab'an	b	..	59	0
P. Macqrie	b	80	66	0
Murr'undi	b	88	69	0
Cassilis ..	b	95	..	0
Mus'brook	b	104	70	0
Dubbo...	b	95	70	0
Mudgee ..	b	97	65	0
Maitland .	b	96	72	0
Newcastle	u	80	68	0
Orange ..	b	96	44	0
Bathurst..	b	93	62	0
MtVictoria	b	9[illegible]	64	0
Forbes...	b	98	79	0
		Ea		
SYDNEY	c	83	70	0
Wentw'th	u	102	71	0
Young...	b	91	69	0
Woll'gong	b	83	66	0
Moss Vale	b	91	61	0
Euston...	b	86	55	0
Goulburn.	b	96	61	0
Wagga...	c	103	59	0
Cape Geo.	c	78	..	0
Queanb'an	b	97	63	0
Deniliquin	b	103	69	0
Albury...	b	105	59	0
Bodalla ..	b	92	54	0
Cooma ...	b	95	51	0
Eden.....	b	79	61	0
Gabo Isld.	b	80	60	0



WEATHER MAP.

7 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 7 January..... 0·027

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; EB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	Weath.	Max	Min	Rain
Casino....	..	..	..	..
Tenterfi'ld	b	84	60	0
Grafton..	b	92	69	0
Inverell..	b	95	60	0·20
Bourke ..	b	103	76	0
Narrabri..	b	93	71	0
Armidale .	b	89	45	0
Bendemeer	..	..	..	..
Gunnedah	.	..	.	..
Coonab'an	b	..	62	0·15
P. Macqrie	..	..	..	..
Murr'undi	b	91	69	0·33
Cassilis ..	b	103	..	0
Mus'brook	b	107	65	0
Dubbo...	b	97	72	0·05
Mudgee ..	b	98	65	0
Maitland .	b	95	69	0
Newcastle	b	89	65	0
Orange ..	b	99	45	0
Bathurst..	b	93	60	0·28
MtVictoria	b	95	56	0·20
Forbes...	b	97	79	0
SYDNEY	c	80	68	0
Wentw'th	..	..	..	.
Young...	b	95	70	0
Woll'gong	b	79	63	0
Moss Vale	b	88	60	0
Euston...	b	96	53	0
Goulburn.	b	97	56	0·05
Wagga ..	b	102	74	0
Cape Geo.	b	76	.	0
Queanb'an	b	98	66	0
Deniliquin	b	104	75	0·11
Albury. ..	u	108	69	0
Bodalla ..	u	83	64	0
Cooma ...	u	93	65	0
Eden.....	u	79	64	0
Gabo Isld.	u	74	63	0

WEATHER MAP.

8 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Fahr. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

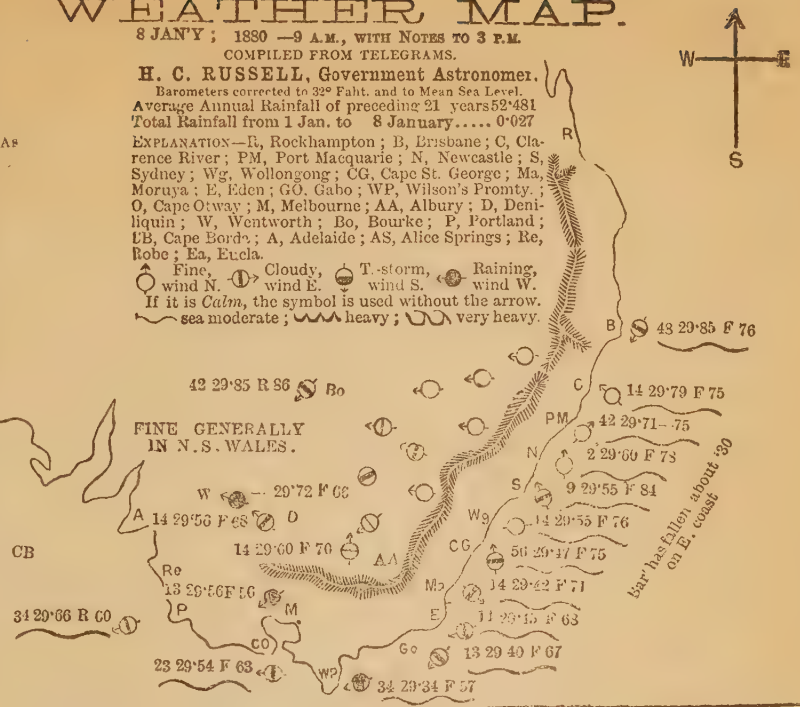
Total Rainfall from 1 Jan. to 8 January..... 0·027

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; UB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.



Stations	Wth'r	Max	Min	Rain
Casino....	b	88	63	0
Tenterfi'ld	b	82	63	0
Grafton..	b	91	64	0
Inverell..	b	86	60	0
Bourke ..	c	105	78	0
Narrabri..	b	92	73	0
Armidale .	b	86	46	0
Bendemeer	b	92	71	0
Gunnedah	u	101	63	0
Coonab'an	b	..	63	0
P. Macqrie	b	81	66	0
Murr'undi	b	89	63	0
Cassilis ..	b	102	..	0
Mus'brook	b	111	74	0
Dubbo...	b	97	78	0
Mudgee ..	b	95	69	0
Maitland .	b	95	77	0
Newcastle	b	82	62	0
Orange ..	u	94	59	0
Bathurst..	u	93	68	0
Mt Victoria	u	93	63	0·06
Forbes...	u	99	79	0
SYDNEY	c	86	70	0
Wentw'th	..	..	..	.
Young...	u	93	79	0
Woll'gong	c	81	51	0
Moss Vale	c	91	63	0·03
Euston...	r	76	55	0·35
Goulburn.	b	100	68	0
Wagga...	b	101	65	0
Cape Geo.	..	..	.	..
Queanb'an	b	100	71	0·02
Deniliquin	u	106	66	0
Albury...	u	104	65	0
Bodalla ..	c	87	65	0
Cooma...	c	94	59	0·05
Eden.....	u	70	64	0·30
Gabo Isld.	u	76	65	0

WEATHER MAP.

9 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Fahr. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 9 January..... 0·231

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	c	90	79	0
Tenterfi'ld	d	83	70	0·45
Grafton..	c	94	75	0
Inverell..	r	84	62	0
Bourke ..	b	89	59	1·65
Narrabri..	c	96	70	1·42
Armidale .	r	87	47	0·78
Bendemeer	u	90	72	0
Gunnedah	b	95	59	0
Coonab'an	b	29	55	1·76
P. Macqrie	u	78	67	0·28
Murr'undi	b	84	63	1·35
Cassilis ..	b	89	..	1·20
Mus'brook	b	98	63	0 86
Dubbo...	b	94	64	0·53
Mudgee ..	b	90	59	0·55
Maitland .	c	98	71	0·18
Newcastle	b	95	65	0·24
Orange ..	b	88	36	1·20
Bathurst..	b	86	51	0·58
MtVictoria	c	85	47	0·05
Forbes...	b	89	58	0
8 30·04 70 Ea				
SYDNEY	c	93	63	0·20
Wentw'th	b	70	58	0·18
Young...	u	86	55	0·80
Woll'gong	b	96	61	0·04
Moss Vale	b	87	52	0·27
Euston...	b	80	53	0·55
Goulburn.	b	89	49	0·34
Wagga...	b	80	52	0
Cape Geo.	b	78	.	0·63
Queanb'an	b	88	53	0·22
Deniliquin	b	69	48	0·54
Albury...	b	58	50	0·75
Bodalla ..	b	83	54	0·85
Cooma...	u	83	41	0·58
Eden.....	b	78	54	0·56
Gabo Isld.	b	75	54	0·57

WEATHER MAP.

10 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 10 January..... 0·231

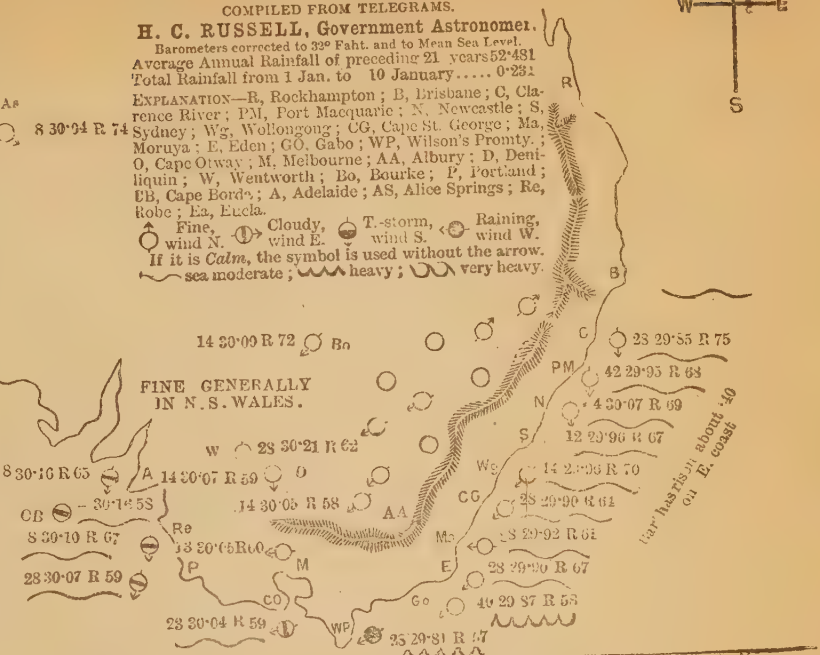
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Bordo ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	Weth'r	Max	Min	Rain
Casino....	c	86	70	0
Tenterfi'ld	b	76	59	0
Grafton..	u	90	66	0
Inverell..	b	85	55	0
Bourke ..	b	78	54	0
Narrabri..	b	82	61	0
Armidale .	b	86	46	0
Bendemeer	b	72	54	1·50
Gunnedah	b	88	48	0
Coonab'an	b	89	44	0
P. Macqrie	u	78	62	0
Murr'undi	b	72	55	0
Cassilis ..	b	78	..	0
Mus'brook	.	.	.	..
Dubbo...	b	88	55	0
Mudgee ..	b	75	48	0
Maitland .	b	86	61	0
Newcastle	b	83	61	0
Orange ..	b	85	37	0
Bathurst..	b	65	40	0
MtVictoria	b	65	49	0
Forbes...	b	79	50	0
SYDNEY	b	76	57	0
Wentw'th	b	71	47	0
Young...	b	71	49	0
Woll'gong	b	78	51	0
Moss Vale	b	67	46	0
Euston...	b	76	55	0
Goulburn.	b	68	40	0
Wagga...	b	72	40	0
Cape Geo.	b	66	.	0
Queanb'an	b	77	43	0
Deniliquin	b	71	44	0
Albury...	b	69	41	0·04
Bodalla ..	b	77	42	0
Cooma...	b	63	32	0
Eden.....	b	71	51	0·18
Gabo Isld.	b	64	52	0·18



WEATHER MAP.

12 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 12 January..... 0·231

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya : E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Ro, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'ath'r	Max	Min	Rain
Casino....	b	71	60	0
Tenterfi'ld	b	77	54	0
Grafton..	b	76	62	0
Inverell..	b	86	53	0
Bourke ..	b	91	59	0
Narr'bri..	..	.	..	..
Armidale .	b	83	46	0
Deudemeer	b	82	50	0
Grenetan	..	.	..	..
Coorab'an	b	..	51	0
P. Macqrie	b	74	55	0
Murr'ndi	b	73	55	0
Cassilis ..	b	83	..	0
Mus'brook	b	85	53	0
Dubbo...	b	83	59	0
Mudgee ..	b	85	58	0
Maitland .	b	81	57	0
Newcastle	b	82	67	0
Orange ..	b	80	40	0
Bathurst..	b	80	48	0
MtVictoria	b	78	42	0
Forbes...	b	72	61	0
SYDNEY	b	72	58	0
Wentw'th	b	90	69	0
Young...	b	77	53	0
Woll'gong	b	70	53	0
Moss Vale	b	77	52	0
Euston...	b	89	55	0
Goulburn.	b	84	44	0
Tagga...	b	83	50	0
Cape Geo.	b	74	.	0
Queanb'an	b	86	53	0
Deniliquin	b	88	49	0
Albury...	b	87	44	0
Bodalla ..	b	84	52	0
Cooma...	o	80	46	0
Eden.....	b	74	54	0
Gabo Isld.	b	78	59	0

WEATHER MAP.

13 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 13 January..... 0·231

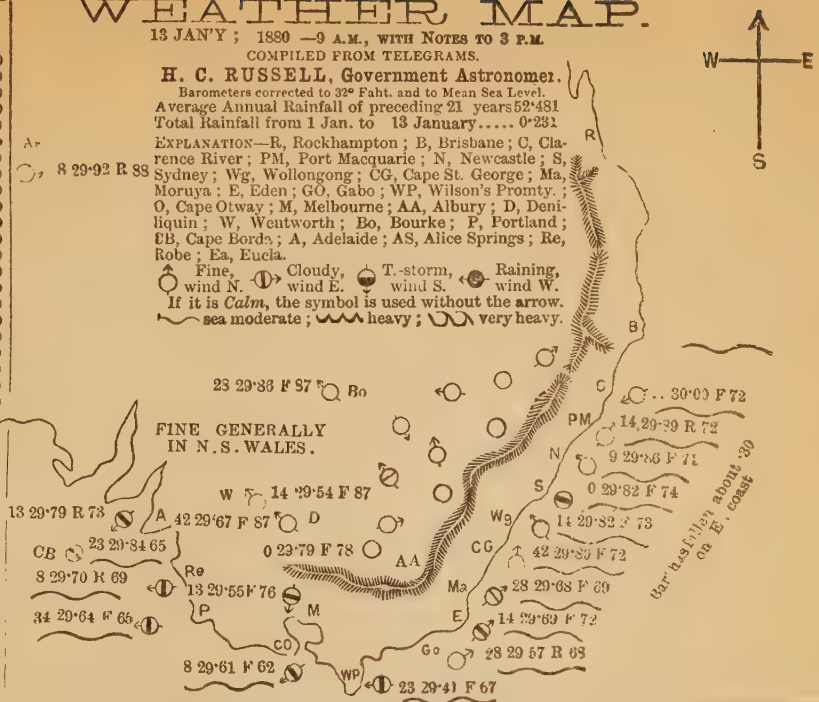
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	80	58	0
Centerfi'ld	b	76	52	0
Grafton..	b	88	58	0
Inverell..	b	85	54	0
Ourke ..	b	100	73	0
Carrabri..	b	86	64	0
Armidale .	b	80	40	0
Condemeer	b	82	51	0
Gunnedah	b	91	49	0
Bonab'an	b	..	47	0
Macqrie	b	76	55	0
Curr'undi	b	81	59	0
Cassilis ..	b	90	..	0
Gus'brook	b	94	56	0
Dubbo...	b	87	65	0
Mudgee ..	b	88	58	0
Maitland .	b	83	60	0
Newcastle	b	82	57	0
Orange ..	b	84	58	0
Bathurst..	b	85	53	0
N.Victoria	b	85	54	0
Forbes...	b	80	64	0
SYDNEY	b	78	62	0
Wentw'th	b	104	64	0
Young...	b	83	61	0
Woll'gong	b	80	53	0
Moss Vale	b	83	62	0
Euston...	b	91	53	0
Goulburn.	b	90	..	0
Wagga...	b	92	54	0
Cape Geo.	b	78	..	0
Queanb'an	b	90	58	0
Deniliquin	b	97	70	0
Albury...	b	95	58	0
Bodalla ..	b	82	53	0
Cooma...	b	86	45	0
Eden.....	b	76	52	0
Gabo Isld.	b	74	65	0



WEATHER MAP.

14 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 14 January..... 6·231

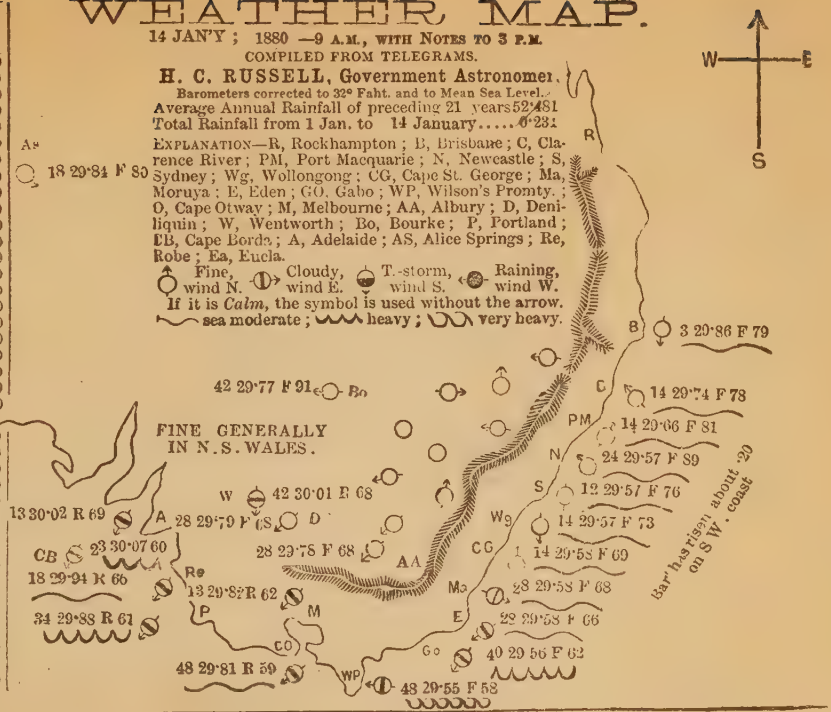
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	89	69	0
Tenterfi'ld	b	82	58	0
Grafton..	b	93	63	0
Inverell..	b	91	63	0
Bourke ..	b	105	77	0
Narrabri..	b	82	72	0
Armidale .	b	90	56	0
Bendemeer	b	85	53	0
Runnedah	b	94	55	0
Coonab'an	b	84	66	0
P. Macqrie	b	81	65	0
Murr'undi	b	84	68	0
Cassilis ..	b	96	..	0
Mus'brook	b	101	71	0
Dubbo.. .	b	93	76	0
Mudgee ..	b	91	64	0
Maitland .	b	94	77	0
Newcastle	b	96	75	0
Orange ..	b	89	59	0
Bathurst..	b	90	72	0
It Victoria	b	87	67	0
Forbes... .	b	84	69	0
8 30·04 70 Ea				
SYDNEY	b	87	71	0
Ventw'th	b	103	59	0
Young...	b	91	66	0
Woll'gong	b	86	70	0
Moss Vale	b	91	69	0
Huston...	b	65	53	0
Goulburn.	b	94	69	0
Tagga...	b	91	67	0
Cape Geo.	b	73	..	0
Queanb'an	b	97	69	0
Deniliquin	b	108	61	0
Albury...	b	104	61	0
Bodalla ..	u	102	57	0
Cooma...	b	91	54	0
Eden.....	u	83	60	0
Gabo Isld.	u	80	60	0



WEATHER MAP.

15 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 15 January..... 0·231

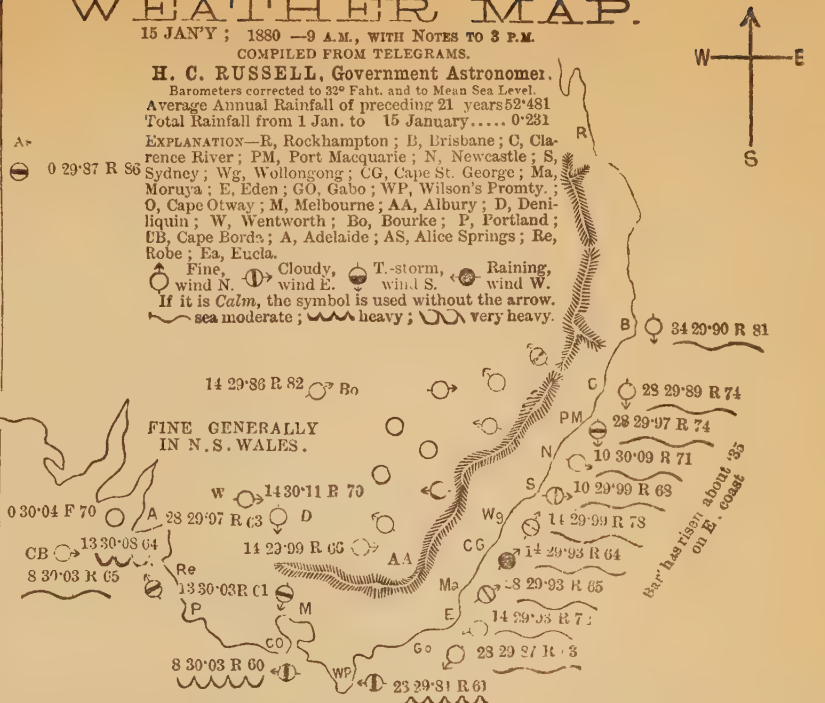
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	c	96	72	0
Tenterfi'ld	u	86	62	0
Grafton..	b	103	56	0
Inverell..	b	91	61	0
Bourke ..	b	103	65	0
Narrabri..	b	77	60	0
Armidale .	u	87	44	0
Bendemeer	b	90	56	0
Runnedah	b	102	60	0
Boonab'an	b	99	55	0
P. Macqrie	u	96	67	0·03
Murr'undi	b	92	65	0
Cassilis ..	b	101	..	0
Mus'brook	b	105	60	0
Dubbo...	b	95	65	0
Mudgee ..	b	94	65	0
Maitland .	b	103	68	0
Newcastle	b	99	65	0
Orange ..	b	84	39	0
Bathurst..	b	86	53	0
MtVictoria	u	87	50	0
Forbes...	b	90	68	0
SYDNEY	u	77	65	0
Wentw'th	b	82	54	0
Young...	b	82	57	0
Woll'gong	u	78	62	0
Moss Vale	u	86	56	0
Euston...	b	81	45	0
Goulburn.	b	84	47	0
Wagga...	b	89	44	0
Cape Geo.	p	70	..	0
Queanb'an	b	86	56	0
Deniliquin	b	81	53	0
Albury...	b	82	46	0
Bodalla ..	b	79	54	0
Cooma...	b	78	44	0
Eden.....	b	74	55	0
Gabo Isld.	b	65	55	0



WEATHER MAP.

16 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 16 January..... 0·231

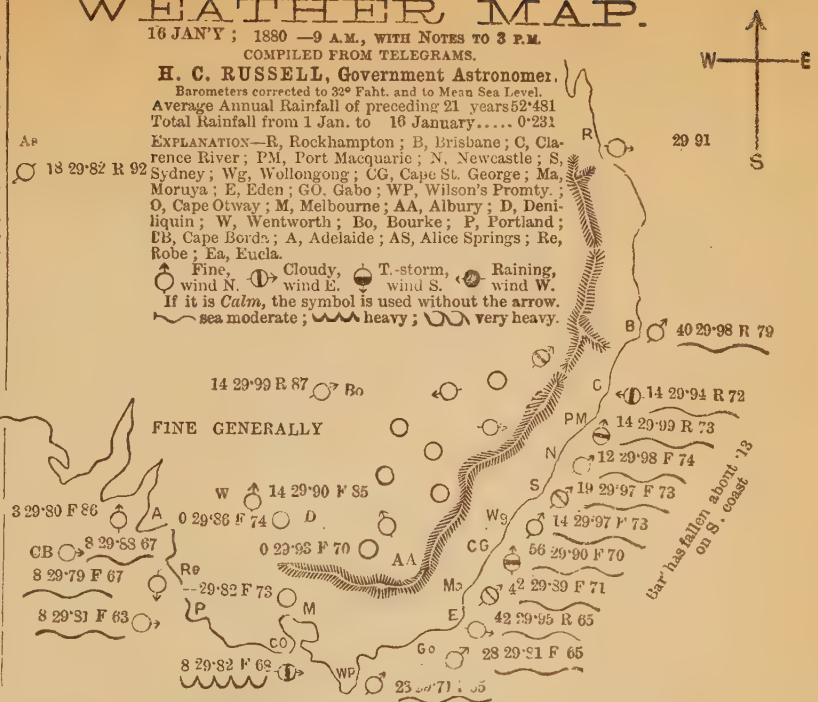
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; DB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	c	84	69	0
Centerfi'ld	u	77	58	0
Grafton..	u	83	69	0
Inverell..	b	93	59	0
Bourke ..	b	99	69	0
Narrabri..	b	94	71	0
Armidale .	u	88	46	0
Sendemeer	b	86	63	0
Gunnedah	b	99	62	0
Coonab'an	b	93	58	0
. Macqrie	u	77	69	0
Murr'undi	u	83	62	0
Cassilis ..	b	85	..	0
Mus'brook	b	88	57	0
Dubbo...	b	88	68	0
Mudgee ..	b	93	62	0
Maitland .	b	81	66	0
Newcastle	b	81	67	0
Orange ..	b	86	42	0
Bathurst..	b	86	54	0
Mt Victoria	b	78	54	0
orbes...	b	83	69	0
8 29·85	71	Ea		
SYDNEY	u	74	66	0
Wentw'th	b	92	58	0
oung...	b	83	62	0
Woll'gong	b	73	64	0
oss Vale	c	78	58	0
uston...	b	86	53	0
oulburn.	b	86	56	0
agga...	b	88	69	0
pe Geo.	c	73	.	0
leanb'an	b	90	63	0
eniliquin	b	86	54	0
lbury...	b	90	49	0
edalla ..	c	77	58	0
oma...	b	86	51	0
len.....	b	75	64	0
ato Isld.	b	67	60	0



WEATHER MAP.

17 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 17 January..... 0·231

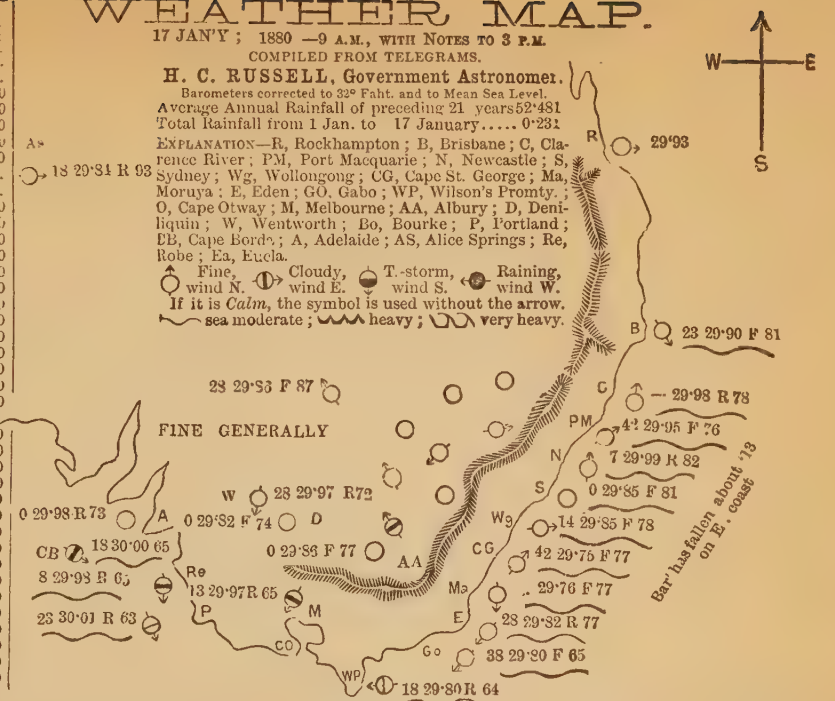
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; BB, Cape Bordo ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	..	..	..	..
Grafton..	b	76	64	0
Inverell..	b	94	58	0
Bourke ..	b	110	83	0
Narrabri..	b	93	74	0
Armidale .	b	90	51	0
Bendemeer	..	..	..	..
Gundagai	..	..	..	..
Cootamb'an	b	95	65	0
P. Macqrie	b	80	69	0
Murr'undi	b	89	69	0
Cassilis ..	b	99	..	0
Mus'brook	b	106	68	0
Dubbo...	b	96	76	0
Mudgee ..	b	94	65	0
Maitland .	b	93	70	0
Newcastle	b	87	67	0
Orange ..	b	93	50	0
Bathurst..	b	92	63	0
Mt Victoria	b	92	64	0
Forbes...	b	88	70	0
SYDNEY	b	83	68	0
Wentw'th	b	103	63	0
Young...	b	88	65	0
Woll'gong	b	98	66	0
Moss Vale	b	86	64	0
Euston...	b	84	53	0
Goulburn.	b	96	61	0
Wagga...	b	91	57	0
Cape Geo.	b	..	..	0
Queanb'an	b	95	62	0
Deniliquin	b	99	64	0
Albury...	b	99	56	0
Bodalla ..	b	84	58	0
Cooma...	u	93	54	0
Eden.....	b	76	61	0
Gabo Isld.	b	79	64	0



WEATHER MAP.

19 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 18 January..... 0·454

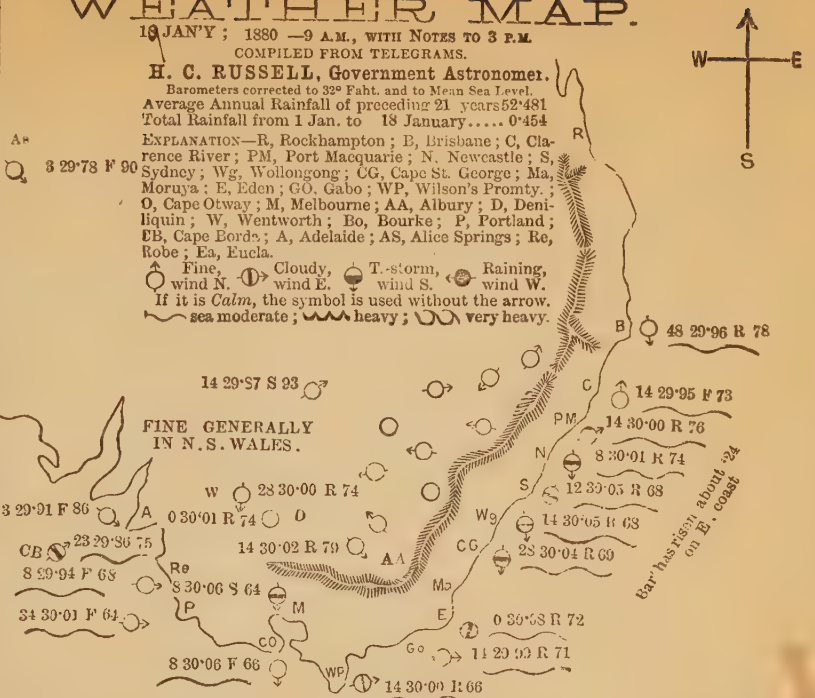
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	89	62	0
Tenterfi'ld	b	84	52	0
Grafton..	b	92	65	0
Inverell..	b	81	71	0
Bourke ..	b	110	81	0
Narrabri..	b	97	69	1·27
Armidale .	b	93	48	0
Bendemeer	b	94	72	0
Gunnedah	.	..	.	..
Coonab'an	b	101	62	0·26
P. Macqrie	c	79	67	0
Murr'undi	u	89	64	0
Cassilis ..	b	104	..	0·35
Mus'brook	u	102	65	0·28
Dubbo...	b	100	71	0·30
Mudgee ..	b	98	67	0·61
Maitland .	u	101	72	0
Newcastle	u	78	68	0
Orange ..	b	95	45	0·50
Bathurst..	b	98	62	0·32
MtVictoria	u	98	57	0·36
Forbes...	b	98	64	0·06
SYDNEY	u	76	66	0·22
Wentw'th	b	96	65	0
Young...	b	97	66	0
Woll'gong	c	72	65	0·06
Moss Vale	u	88	62	0·08
Euston...	b	86	53	0
Goulburn.	u	99	59	0·40
Wagga...	b	98	68	0
Cape Geo.	c	76	..	0
Queanb'an	c	103	63	0
Deniliquin	b	101	55	0
Albury...	b	104	61	0
Bodalla ..	b	78	55	0
Cooma...	b	99	49	0
Eden.....	c	73	58	0
Gabo Isld.	b	77	59	0



WEATHER MAP.

20 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 20 January..... 0·454

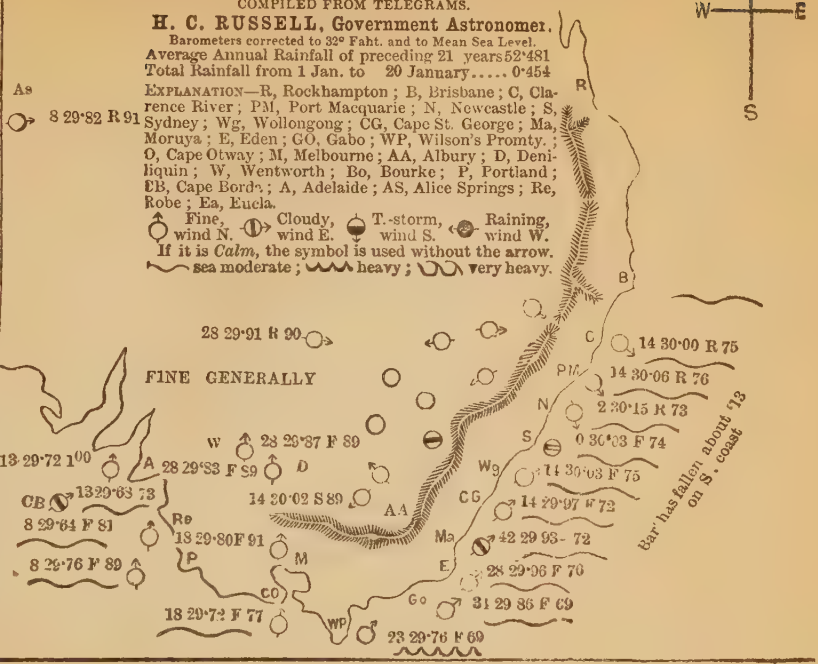
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	88	66	0
Tenterfi'ld	b	79	57	0
Grafton..	b	90	66	0
Inverell..	b	93	58	0
Bourke ..	b	106	76	0
Narrabri..	b	91	70	0
Armidale .	b	90	44	0
Bendemeer	b	83	60	0
Gunnedah	b	99	57	0
Coonab'an	b	92	57	0
P. Macqrie	b	80	64	0
Murr'undi	b	84	64	0
Cassilis ..	b	85	..	0
Mus'brook	b	88	63	0
Dubbo...	b	91	71	0
Mudgee ..	b	86	68	0
Maitland .	b	86	72	0
Newcastle	b	86	63	0
Orange ..	b	85	45	0
Bathurst..	b	87	57	0
MtVictoria	b	81	57	0
Forbes...	b	97	68	0
SYDNEY	u	75	67	0
Wentw'th	b	103	70	0
Young...	b	90	62	0
Woll'gong	b	71	63	0
Moss Vale	b	76	59	0
Euston...	b	9:	43	0
Goulburn.	b	84	57	0
Wagga...	b	98	61	0
Cape Geo.	b	74	..	0
Queanb'an	c	96	66	0
Deniliquin	b	103	76	0
Albury...	b	104	65	0
Bodalla ..	c	82	64	0
Cooma...	b	87	52	0
Eden.....	b	77	65	0
Gabo Isld.	b	77	64	0



WEATHER MAP.

21 JAN'Y ; 1886 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 21 January..... 0·454

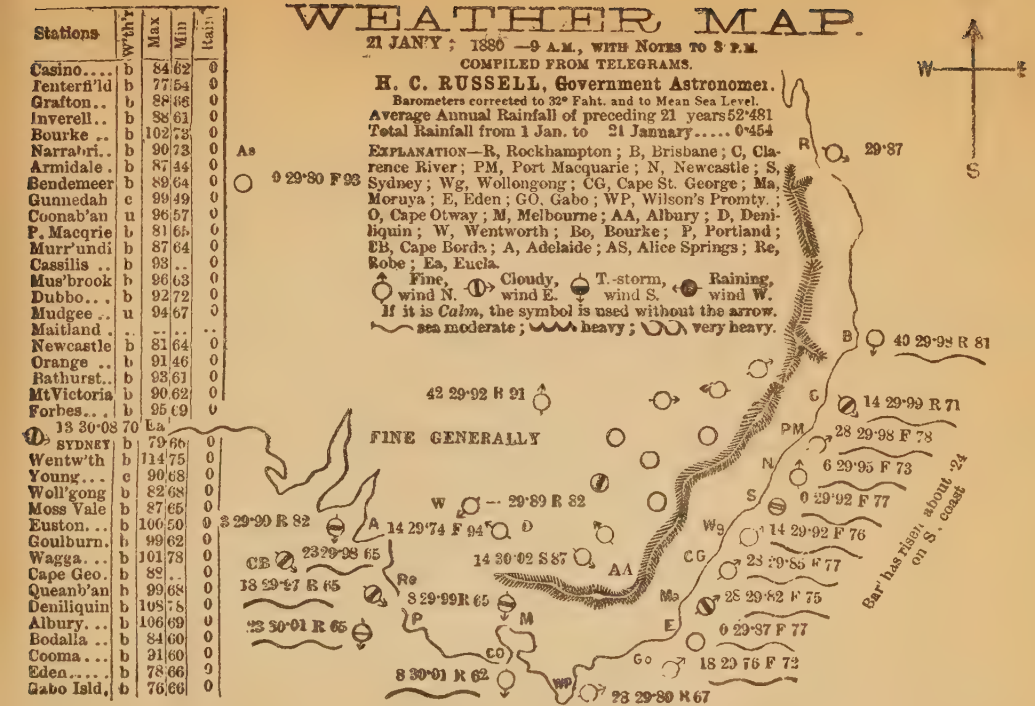
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; EB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	84	62	0
Tenterfi'ld	b	77	54	0
Grafton..	b	88	66	0
Inverell..	b	88	61	0
Bourke ..	b	102	73	0
Narrabri..	b	90	73	0
Armidale .	b	87	44	0
Bendemeer	b	89	64	0
Gunnedah	c	99	49	0
Coonab'an	u	96	57	0
P. Macqrie	b	81	65	0
Murr'undi	b	87	64	0
Cassilis ..	b	93	..	0
Mus'brook	b	96	63	0
Dubbo...	b	92	72	0
Mudgee ..	u	94	67	0
Maitland .	..	..	..	..
Newcastle	b	81	64	0
Orange ..	b	91	46	0
Bathurst..	b	93	61	0
MtVictoria	b	90	62	0
Forbes...	b	95	69	0
SYDNEY	b	79	66	0
Wentw'th	b	114	75	0
Young...	c	90	68	0
Woll'gong	b	82	68	0
Moss Vale	b	87	65	0
Euston...	b	106	50	0
Goulburn.	b	99	62	0
Wagga...	b	101	78	0
Cape Geo.	b	88	..	0
Queanb'an	b	99	68	0
Deniliquin	b	108	78	0
Albury...	b	106	69	0
Bodalla ..	b	84	60	0
Cooma...	b	91	60	0
Eden.....	b	78	66	0
Gabo Isld.	b	76	66	0



WEATHER MAP.

22 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 22 January..... 0·454

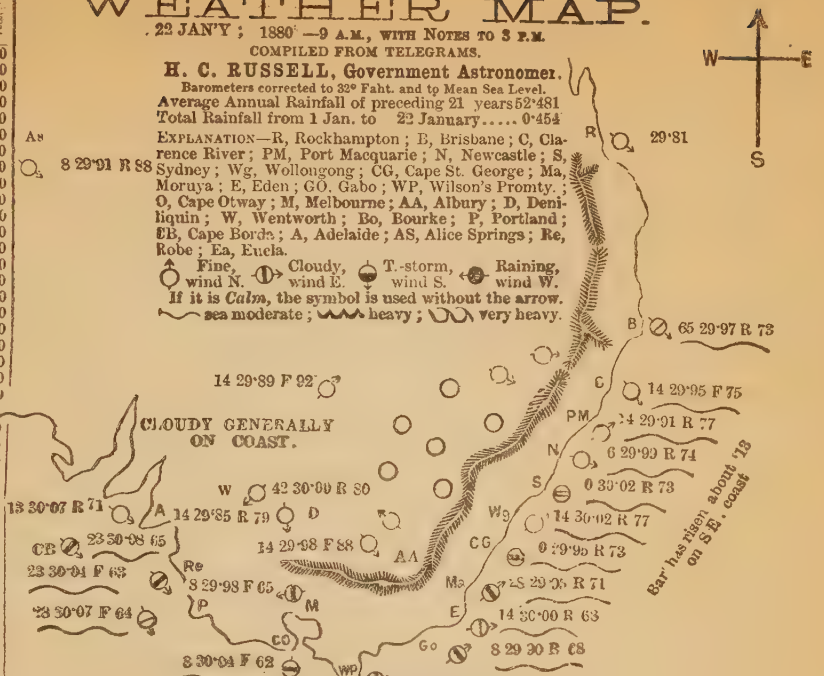
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	84	63	0
Tenterfi'ld	b	81	51	0
Grafton..	b	92	65	0
Inverell..	b	91	60	0
Bourke ..	b	105	76	0
Narrabri..	b	92	72	0
Armidale .	b	86	72	0
Bendemeer	b	96	45	0
Gunnedah	b	99	61	0
Coonab'an	b	98	57	0
P. Macqrie	b	82	66	0
Murr'undi	b	92	66	0
Cassilis ..	b	100	..	0
Mus'brook	b	106	66	0
Dubbo...	b	97	78	0
Mudgee ..	b	100	70	0
Maitland .	b	93	67	0
Newcastle	b	82	67	0
Orange ..	b	92	44	0
Bathurst..	b	97	68	0
MtVictoria	b	97	60	0
Forbes...	b	98	72	0
13 30·13 62 Ea				
SYDNEY	c	82	70	0
Wentw'th	b	107	71	0
Young...	b	96	76	0
Woll'gong	b	85	67	0
Moss Vale	..	..	..	..
Euston...	b	96	48	0
Goulburn.	b	106	63	0
Wagga...	b	107	72	0
Cape Geo.	b	83	..	0
Queanb'an	c	107	70	0
Deniliquin	b	114	68	0
Albury...	b	112	70	0
Bodalla ..	b	98	63	0
Cooma...	b	104	60	0
Eden.....	c	84	67	0
Gabo Isld,	u	80	65	0



WEATHER MAP.

23 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Fahr. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 23 January..... 0·454

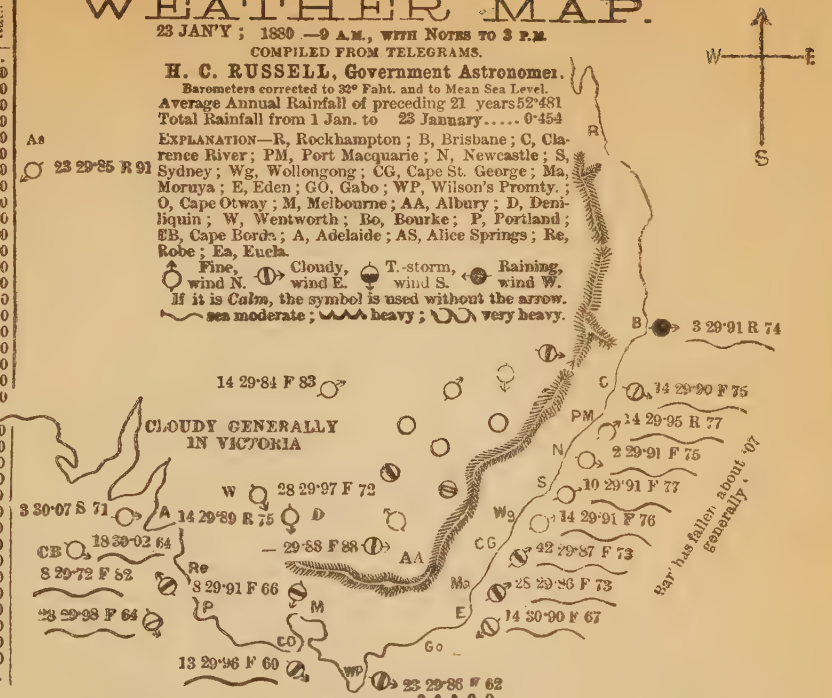
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	..	..	..	..
Tenterfi'ld	u	79	59	0
Grafton..	b	92	69	0
Inverell..	b	94	63	0
Bourke ..	b	106	77	0
Narrabri..	b	96	74	0
Armidale .	b	84	53	0
Bendemeer	b	82	68	0
Gunnedah	b	104	53	0
Coonab'an	b	98	61	0
P. Macqrie	m	81	67	0
Murr'undi	b	90	66	0
Cassilis ..	b	95	..	0
Mus'brook	b	101	66	0
Dubbo...	b	99	77	0
Mudgee ..	m	97	68	0
Maitland .	b	93	69	0
Newcastle	b	82	62	0
Orange ..	b	98	50	0
Bathurst..	b	95	61	0
MtVictoria	b	91	55	0
Forbes... .	b	106	78	0
13 30·06	70	Ea		
SYDNEY	b	80	69	0
Wentw'th	b	100	63	0
Young...	c	100	74	0
Woll'gong	b	82	65	0
Moss Vale	b	90	63	0
Euston...	b	91	45	0
Goulburn.	b	99	60	0
Wagga...	b	106	78	0
Cape Geo.	b	74	.	0
Queanb'an	c	105	69	0
Deniliquin	b	106	65	0
Albury...	b	112	74	0
Bodalla ..	b	84	68	0
Cooma...	u	102	61	0
Eden.....	u	74	68	0
Gabo Isld.	...	..	..	—



WEATHER MAP.

21 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

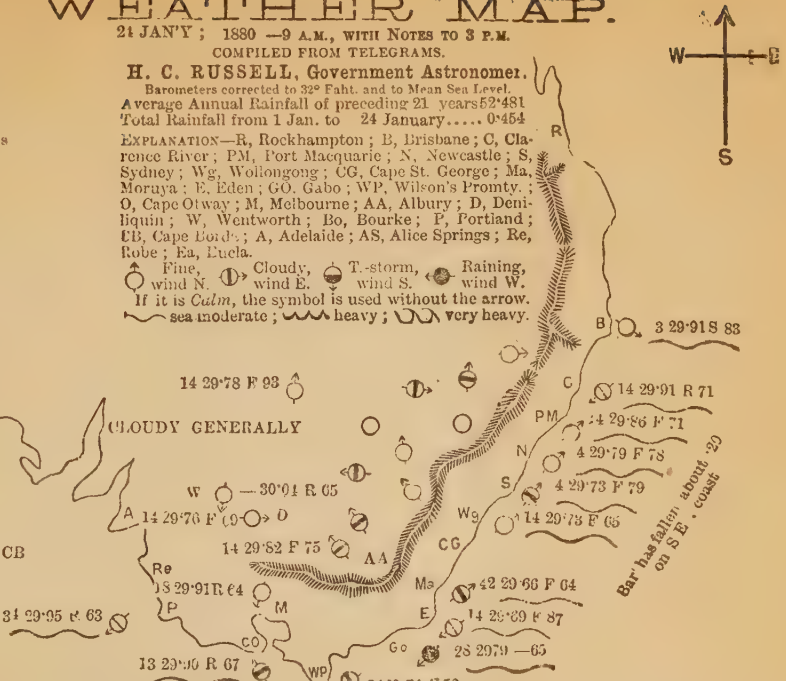
Total Rainfall from 1 Jan. to 24 January..... 0·454

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.



Stations	Weather	Max	Min	Rain	
Casino....	r	84	71	1·07	
Clarenc'ld	c	80	58	0	
Grafton..	b	89	69	0·19	
Inverell..	c	83	64	0	
Bourke ..	b	102	73	0	
Narrabri..	u	95	75	0	As
Armidale .	u	87	45	0	
Bendemeer	u	90	62	0	
Grenfell	u	101	54	0	
Goulb'rn	b	98	66	0	
P. Macqrie	c	81	68	0	
Murr'undi	u	89	71	0	
Cassilis ..	b	9[illegible]	..	0	
Mus'brook	u	100	76	0	
Dubbo...	b	96	79	0	
Mudgee ..	m	97	72	0	
Maitland .	b	94	73	0	
Newcastle	b	79	62	0	
Orange ..	b	95	.	0	
Bathurst..	b	91	69	0	
Mt Victoria	b	91	62	0	
Forbes...	b	102	79	0	
		Ea			
SYDNEY	b	80	69	0	
Wentw'th	b	92	55	0	
Young...	c	96	75	0	
Woll'gong	b	82	67	0	
Moss Vale	u	86	65	0	
Euston...	b	85	55	0	
Goulburn.	b	98	67	0	
Wagga ..	b	97	65	0	
Cape Geo.	..	..	..	..	
Queanb'an	b	100	71	0	
Deniliquin	b	101	62	0	
Albury...	b	107	70	0	
Eodalla ..	b	87	67	0	
Cooma...	c	92	66	0	
Eden.....	u	75	67	0	
Gabo Isld.	p	75	55	0	

WEATHER MAP.

26 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

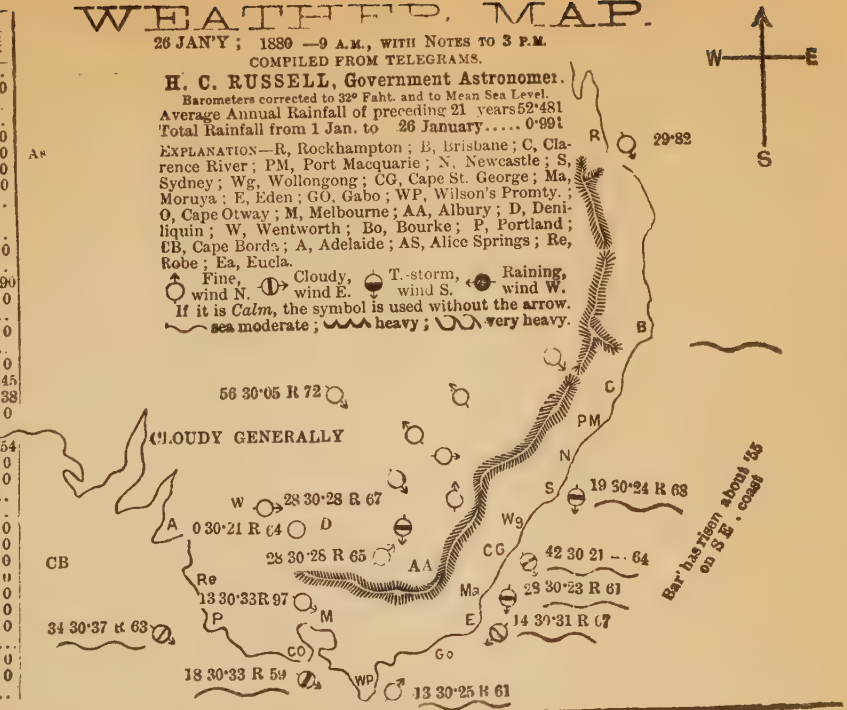
Total Rainfall from 1 Jan. to 26 January..... 0·991

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.



Stations	W'th'r	Max	Min	Rain
Casino....	..	..	..	..
Centerfi'ld	c	81	53	0
Grafton..	..	..	.	..
Inverell..	..	..	.	..
Bourke ..	b	106	64	0
Carrabri..	u	92	53	0
Armidale .	u	85	50	0
Bendemeer	u	91	61	0
Gunnedah	..	..	.	..
Goonab'an	..	..	..	.
C. Macqrie	..	.	.	..
Murr'undi	c	90	58	0
Cassilis ..	..	..	..	..
Mus'brook	u	74	57	0·90
Dubbo...	b	89	56	0
Mudgee ..	.	..	.	..
Maitland .	u	99	63	0
Newcastle	..	..	..	..
Orange ..	b	83	.	0
Bathurst..	b	88	49	0·45
St.Victoria	u	72	45	0·38
Corbes...	b	80	69	0
		Ea		
SYDNEY	u	69	61	0·54
Wentw'th	b	85	53	0
Young...	b	85	54	0
Woll'gong	..	..	..	..
Moss Vale	.	..	..	..
Euston...	b	74	45	0
Goulburn.	u	66	47	0
Wagga...	b	97	56	0
Cape Geo.	c	66	.	0
Queanb'an	b	83	50	0
Deniliquin	b	101	59	0
Albury...	b	96	44	0
Bodalla ..	..	..	..	...
Cooma...	c	69	66	0
Eden.....	u	72	55	0
Gabo Isld.	..	..	.	..

WEATHER MAP.

27 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Fahr. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 27 January..... 1·00

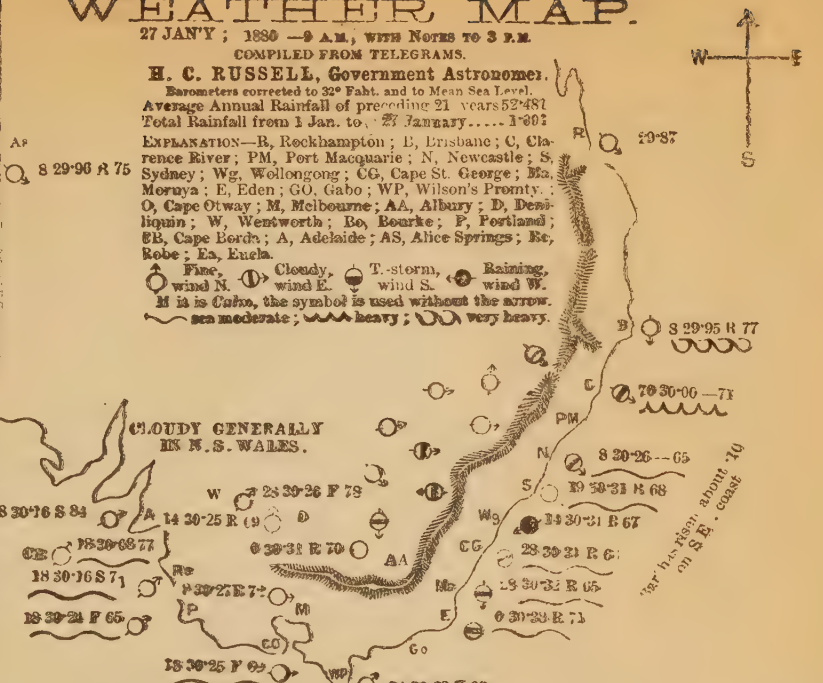
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Mornya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	..	..	..	..
Queenfield	u	68	54	0
Grafton..	r	78	65	0
Inverell..	b	90	51	0
Bourke ..	..	..	..	..
Narrabri..	b	82	62	0
Armidale .	u	78	39	0
Bendemeer	b	67	46	0
Tunnedah	..	..	..	..
Gunnah'an	b	76	53	0
Macqrie	..	.	.	..
Carr'undi	c	68	..	0
Tassilis ..	u	74	..	0
Ias'brook	u	75	56	0
Dubbo...	.	..	.	..
Mudgee ..	b	75	56	0
Maitland .	u	72	53	0·50
Newcastle	u	72	60	0·11
Orange ..	u	71	.	0
Bathurst..	u	61	53	0·24
Victoria	r	60	45	0
Forbes...	b	87	70	0
13 30·02 73 Ea'				
SYDNEY	u	70	62	0·01
Wentw'th	b	90	61	0
Young...	b	74	57	0
Woll'gong	p	72	58	0·04
Moss Vale	r	59	53	0·13
Euston...	b	86	48	0
Goulburn.	u	71	57	0
Wagga...	b	82	59	0
Cape Geo.	c	69	.	0·17
Queanb'an	c	74	57	0
Deniliquin	b	89	60	0
Albury...	b	92	52	0
Bodalla ..	b	75	58	0
Cooma...	u	75	50	0
Eden.....	b	74	60	0
Gabo Isld.	..	..	..	..



WEATHER MAP.

28 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 28 January..... 1·001

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	Weather	Max	Min	Rain
Casino....	c	78	64	0
Tenterfi'ld	b	67	54	0
Grafton..	u	77	65	0·15
Inverell..	b	78	62	0
Bourke ..	b	91	65	0
Narrabri..	..	..	..	..
Armidale .	u	74	39	0
Bendemeer	u	64	50	0
Tamworth	b	88	41	0
Goulb'rn	.	..	..	..
P. Macqrie	u	74	66	0·10
Murr'undi	c	73	..	0
Cassilis ..	.	..	..	..
Mus'brook	u	76	58	0·03
Dubbo...	b	80	61	0
Mudgee ..	..	..	..	..
Maitland .	d	75	66	0·05
Newcastle	u	74	62	0·01
Orange ..	b	71	.	0
Bathurst..	b	69	55	0
Mt Victoria	u	62	48	0·16
Forbes...	b	86	64	0
SYDNEY	u	73	64	0
Wentw'th	b	94	66	0
Young...	b	76	58	0
Woll'gong	c	77	58	0
Moss Vale	u	65	52	0
Euston...	b	96	43	0
Goulburn.	b	74	55	0
Wagga...	b	84	58	0
Cape Geo.	c	75	..	0
Queanb'an	b	80	58	0
Deniliquin	b	85	63	0
Albury...	b	96	54	0
Bodalla ..	b	82	54	0
Cooma...	b	77	38	0
Eden.....	b	74	59	0
Gabo Isld.	..	..	..	..

WEATHER MAP.

29 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

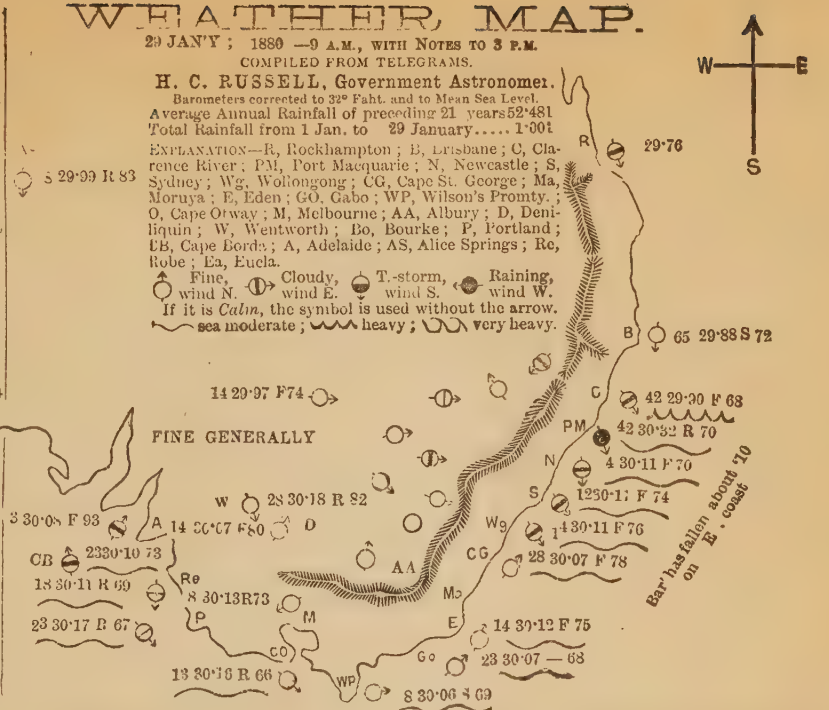
Total Rainfall from 1 Jan. to 29 January..... 1·001

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; UB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.



ations	Weather	Max	Min	Rain
sino....	b	72	65	0·8
...ield	g	68	56	0
...afton..	c	71	69	0·8
...verell..	b	83	60	0
...urke ..	b	93	66	0
...ravari..	..	85	65	0
...iddle .	u	72	39	0
...ndemeer	g	70	55	0
...[illegible]	b	..	..	0
...[illegible]	.	..	..	..
Macqrie	p	75	66	0·25
...urr'undi	g	76	..	0
...ssilis ..	u	77	..	..
...us'brook	c	82	66	0
...ubbo...	b	81	62	0
...udgee ..	u	81	60	..
Maitland .	u	74	64	0
Newcastle	g	76	65	0
Orange ..	b	77	.	0
Bathurst..	u	73	58	0
...tVictoria	c	62	51	0·14
Forbes...	b	84	68	0
13 30·08	74	Ea'		
SYDNEY	c	75	65	0
Wentw'th	b	98	66	0
Young...	b	81	59	0
Woll'gong	c	76	65	0
Moss Vale	b	72	54	0
Euston...	b	91	45	0
Goulburn.	b	80	53	0
Wagga...	b	88	52	0
Cape Geo.	b	..	.	0
Queanb'an	b	87	54	0
Deniliquin	b	94	55	0
Albury...	b	.	..	0
Bodalla ..	b	..	..	0
Cooma...	b	86	40	0
Eden.....	b	78	58	0
Gabo Isld.	..	..	.	..

WEATHER MAP.

30 JAN'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 30 January..... 1·001

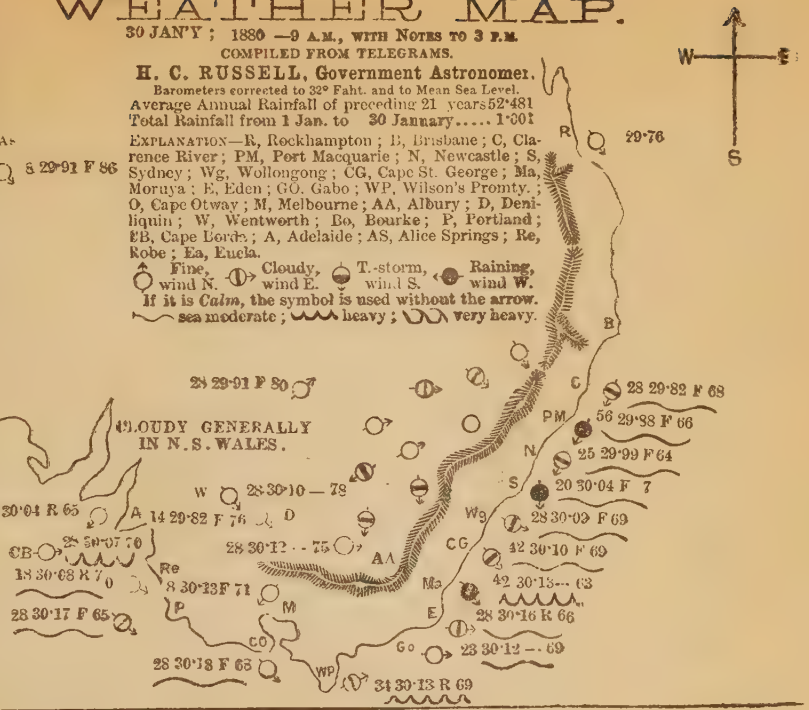
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; EB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	c	79	67	0·02
Tenterfi'ld	b	73	57	0
Grafton..	u	82	67	0
Inverell..	u	75	61	0
Bourke ..	b	95	68	0
Narrabri..	b	90	61	0
Armidale .	u	75	38	0
Bendemeer	u	68	50	0
Gunnedah	..	..	..	..
Coonab'an	b	84	54	0
P. Macqrie	r	75	64	0·57
Murr'undi	u	72	..	0
Cassilis ..	u	72	..	0
Mus'brook	u	83	62	0
Dubbo...	b	84	63	0
Mudgee ..	b	82	60	0
Maitland .	d	80	67	0
Newcastle	q	76	63	0·04
Orange ..	b	76	..	0
Bathurst..	b	73	55	0
MtVictoria	u	69	51	0·10
Forbes...	b	87	69	0
Ea				
SYDNEY	u	78	66	0
Wentw'th	b	100	67	0
Young...	c	84	61	0
Woll'gong	u	72	64	0
Moss Vale	b	73	55	0
Euston...	..	..	..	..
Goulburn.	b	83	56	0
Wagga...	h	92	64	0
Cape Geo.	c	76	..	0
Queanb'an	c	81	60	0
Deniliquin	b	97	64	0
Albury...	b	102	55	0
Bodalla ..	u	85	54	0
Cooma...	c	90	54	0
Eden.....	u	78	64	0·01
Gabo Isld.	c	78	65	0



WEATHER MAP.

31 JAN'Y ; 1880 —9 A.M.; WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 31 January..... 1·124

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; PB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. — Cloudy, wind E. — T.-storm, wind S. — Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'thr	Max	Min	Rain
Casino....	p	84	66	1·88
Centerfl'd	u	77	55	0
Grafton..	c	97	61	0·51
Inverell..	b	79	59	0
Bourke ..	b	95	70	0
Narrabri..	u	81	69	0
Armidale .	u	73	37	0
Bendemeer	u	70	46	0
Quandah	u	89	50	0
Coonab'an	u	81	59	0
P. Macqrie	c	75	66	0·87
Murr'undi	u	69	..	0
Cassilis ..	u	76	..	0
Mus'brook	r	75	58	0·04
Dubbo...	u	86	68	0
Mudgee ..	u	85	63	0
Maitland .	..	..	..	.
Newcastle	p	72	62	1·29
Orange ..	b	74	49	0
Bathurst..	b	71	58	0
MtVictoria	p	57	50	0·93
Forbes...	b	88	70	0
SYDNEY	u	70	64	0·12
Wentw'th	b	102	71	0
Young...	b	79	59	0
Woll'gong	c	78	63	0·19
Moss Vale	u	69	54	0·13
Euston...	b	81	54	0
Goulburn.	u	72	52	0
Wagga...	b	82	53	0
Cape Geo.	c	73	..	0
Queanb'an	b	79	58	0
Deniliquin	c	99	64	0
Albury...	b	98	58	0
Bodalla ..	c	78	57	0·03
Cooma...	r	76	55	0·01
Eden.....	c	68	64	0
Gabo Isld.	c	77	63	0

WEATHER MAP.

2 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 2 February ... 1·226

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; EB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	r	76	65	0·54
Tenterfi'ld	d	69	54	0
Grafton..	c	75	65	0·17
Inverell..	..	..	..	..
Bourke ..	b	94	71	0
Narrabri..	..	..	..	..
Armidale .	u	70	38	0
Bendemeer	u	74	52	0
Gunnedah	b	89	46	0
Coonab'an	b	80	50	0
P. Macqrie	p	77	64	0·10
Murr'undi	c	72	..	0
Cassilis ..	u	75	..	0
Mus'brook	b	80	60	0·02
Dubbo...	u	81	63	0
Mudgee ..	u	79	61	0
Maitland .	c	78	63	0·73
Newcastle	b	75	56	0·55
Orange ..	b	77	57	0
Bathurst..	b	73	56	0
Mt Victoria	p	66	48	1·00
Forbes...	b	89	69	0
SYDNEY	u	77	64	0·10
Wentw'th	b	100	69	0
Young...	u	81	61	0
Woll'gong	p	73	64	0·20
Moss Vale	c	69	54	0·22
Euston...	b	86	50	0
Goulburn.	d	73	55	0·03
Wagga...	..	..	..	.
Cape Geo.	b	69	..	0
Queanb'an	c	78	57	0
Deniliquin	b	95	64	0
Albury...	b	95	56	0
Bodalla ..	u	81	55	0
Cooma ...	b	78	50	0
Eden.....	u	74	65	0
Gabo Isld.	m	74	64	0

WEATHER MAP.

3 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 3 February ... 1·243

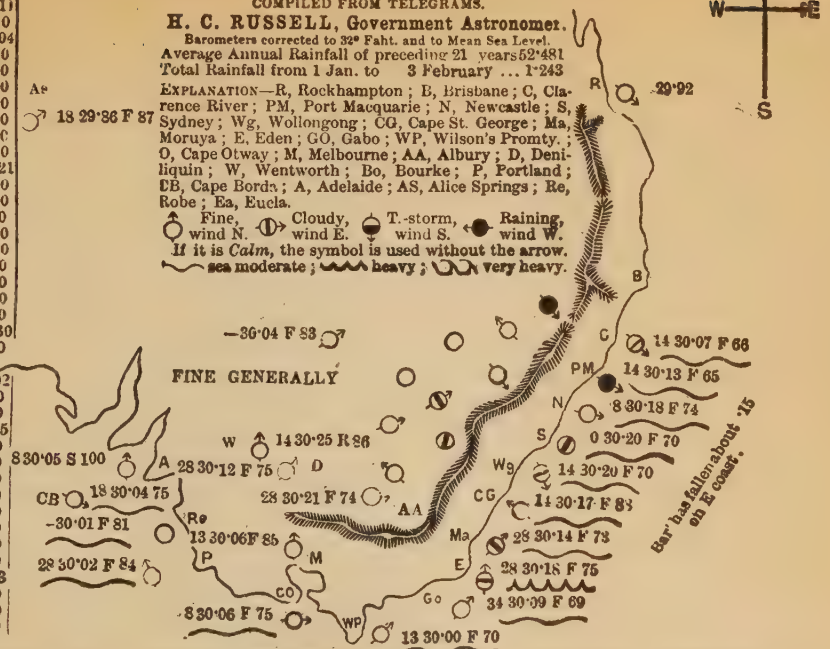
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	c	79	65	0·10
Tenterfi'ld	d	65	54	0
Grafton..	d	79	65	0·04
Inverell..	b	83	60	0
Bourke ..	b	94	68	0
Narrabri..	b	88	65	0
Armidale .	b	72	38	0
Bendemeer	b	74	58	0
Gunnedah	b	93	64	0
Coonab'an	c	83	54	0
P. Macqrie	p	74	63	0·21
Murr'undi	b	75	..	0
Cassilis ..	c	79	..	0
Mus'brook	b	81	60	0
Dubbo...	b	83	63	0
Mudgee ..	b	85	59	0
Maitland .	u	80	65	0
Newcastle	b	76	65	0
Orange ..	u	79	55	0
Bathurst..	u	74	58	0
Mt Victoria	p	67	50	0·30
Forbes...	b	91	69	0
18 30·14 71 Ea				
SYDNEY	c	75	64	0·02
Wentw'th	b	100	65	0
Young...	b	81	60	0
Woll'gong	c	80	62	0·15
Moss Vale	u	71	55	0
Euston...	b	88	53	0
Goulburn.	b	77	54	0
Wagga...	b	86	63	0
Cape Geo.	b	76	..	0
Queanb'an	c	84	60	0
Deniliquin	b	96	63	0
Albury...	b	98	57	0
Bodalla ..	b	82	57	0·03
Cooma...	b	83	42	0
Eden.....	c	76	64	0
Gabo Isld.	b	72	63	0



WEATHER MAP.

4 FEB'Y; 1880.—9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 4 February ... 1·335

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	c	77	66	0·68
Tenterfi'ld	u	78	54	0·39
Grafton..	b	75	66	0·38
Inverell..	b	85	62	0
Bourke ..	b	96	69	0
Narrabri..	b	88	68	0
Armidale .	u	69	42	0
Bendemeer	b	78	47	0
Guanedab	b	98	48	0
Coonab'an	b	88	53	0
P. Macqrie	c	72	64	0·71
Murr'undi	u	79	..	0
Cassilis ..	u	85	..	0
Mus'brook	b	85	63	0
Dubbo...	b	87	48	0
Mudgee ..	b	85	59	0
Maitland .	c	82	69	0
Newcastle	u	78	66	0
Orange ..	b	84	52	0
Bathurst..	b	79	51	0
MtVictoria	c	72	51	0
Forbes...	b	92	79	0
SYDNEY	b	77	65	0·09
Wentw'th	b	101	66	0
Young...	b	81	64	0
Woll'gong	p	80	62	0
Moss Vale	u	71	56	0
Euston...	b	86	65	0
Goulburn.	b	82	48	0
Wagga...	b	88	55	0
Cape Geo.	c	78	..	0
Queanb'an	b	86	57	0
Deniliquin	b	97	60	0
Albury...	b	97	61	0
Bodalla ..	b	63	55	0
Cooma ...	b	86	48	0
Eden.....	b	77	64	0
Gabo Isld.	b	73	62	0

WEATHER MAP.

5 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 5 February ... 1·422

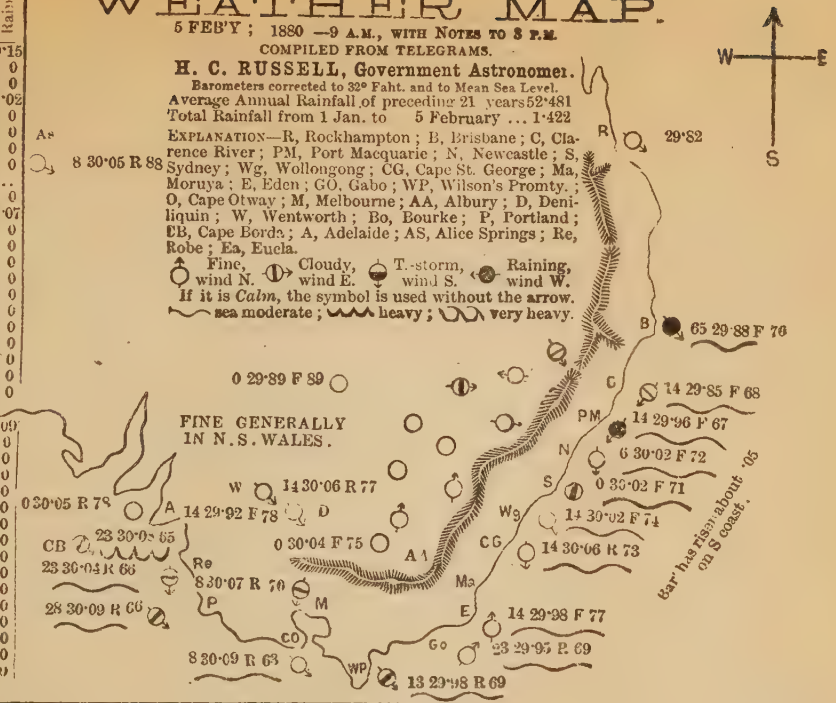
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	r	80	70	0·15
Teuterfi'ld	u	71	59	0
Grafton..	u	83	69	0
Inverell..	b	85	59	0·02
Bourke ..	b	100	70	0
Narrabri..	b	91	69	0
Armidale .	u	72	44	0
Bendemeer	b	85	61	0
Gunnedah	..	..	..	..
Coonab'an	b	92	52	0
P. Macqrie	p	76	65	0·07
Murr'undi	b	73	..	0
Cassilis ..	u	88	..	0
Mus'brook	u	84	63	0
Dubbo...	b	89	69	0
Mudgee ..	b	92	62	0
Maitland .	c	86	65	0
Newcastle	b	79	65	0
Orange ..	b	86	53	0
Bathurst..	b	85	55	0
MtVictoria	b	78	49	0
Forbes...	b	89	63	0
SYDNEY	c	76	65	0·09
Wentw'th	b	104	65	0
Young...	b	88	65	0
Woll'gong	b	80	69	0
Moss Vale	b	79	56	0
Euston...	b	84	53	0
Goulburn.	b	88	52	0
Wagga...	b	97	67	0
Cape Geo.	b	87	..	0
Queanb'an	b	91	57	0
Deniliquin	b	102	65	0
Albury...	b	99	58	0
Bodalla ..	b	83	52	0
Cooma...	b	93	48	0
Eden....	b	78	64	0
Gabo Isld.	b	74	61	0



WEATHER MAP.

6 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 6 February ... 1·422

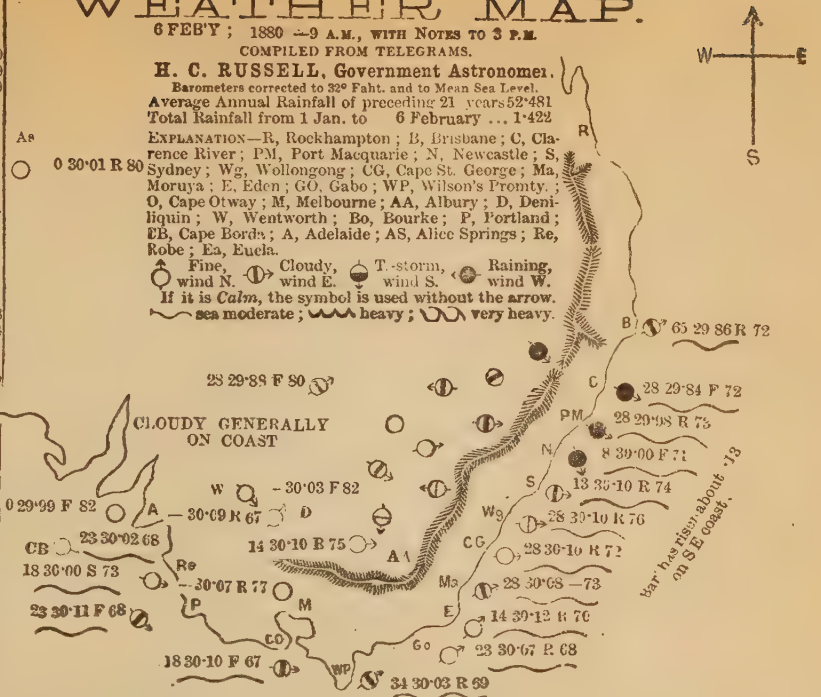
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; PB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	r	73	63	0·80
Tenterfi'ld	r	69	59	0·19
Grafton..	r	78	68	0·59
Inverell..	u	84	61	0
Bourke ..	c	101	75	0
Narrabri..	u	92	70	0
Armidale .	u	73	44	0
Bendemeer	u	84	51	0
Gunnedah	u	99	52	0
Coonab'an	c	88	60	0
P. Macqrie	p	75	67	0·37
Murr'undi	u	79	..	0
Cassilis ..	u	83	..	0
Mus'brook	u	89	64	0
Dubbo...	b	90	69	0
Mudgee ..	u	91	61	0
Maitland .	c	82	63	0·18
Newcastle	p	78	66	0·54
Orange ..	b	88	44	0
Bathurst..	b	83	62	0
MtVictoria	p	79	55	0·30
Forbes...	b	90	69	0
SYDNEY	u	79	69	0
Wentw'th	b	101	69	0
Young...	c	88	65	0
Woll'gong	c	84	66	0·43
Moss Vale	c	79	56	0·10
Euston...	b	81	50	0
Goulburn.	b	86	60	0
Wagga...	b	95	63	0
Cape Geo.	b	73	..	0
Queanb'an	c	87	63	0
Deniliquin	b	102	.	0
Albury...	b	100	60	0
Bodalla ..	u	87	64	0·02
Cooma...	u	86	59	0
Eden.....	c	78	63	0
Gabo Isld.	b	76	62	0



WEATHER, MAP.

7 FEB'Y; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Fahr. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 7 February ... 1·613

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya: E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	r	71	68	0·64
Tenterfi'ld	r	65	52	0
Grafton..	u	74	69	0·15
Inverell..	u	74	61	0·20
Bourke ..	r	91	66	0·10
Narrabri..	u	87	68	0
Armidale .	u	71	41	0
Bendemeer	r	77	51	0
Gunnedah	..	..	..	..
Coonab'an	u	85	61	0
P. Macqrie	p	78	70	0·03
Murr'undi	u	72	..	0
Cassilis ..	u	82	..	0·03
Mus'brook	u	85	62	0·10
Dubbo...	u	85	67	0
Mudgee ..	u	90	64	0
Maitland .	u	73	69	0·43
Newcastle	c	77	65	0·61
Orange ..	c	89	57	0
Bathurst..	u	75	59	0
Mt Victoria	p	69	52	0·58
Forbes...	c	89	66	0
		Ea		
SYDNEY	u	78	66	0·19
Wentw'th	c	105	75	0
Young...	u	88	62	0
Woll'gong	c	78	65	0·37
Moss Vale	c	71	57	0·30
Euston...	b	83	51	0
Goulburn.	u	82	54	0
Wagga ..	m	92	63	0
Cape Geo.	c	74	..	0
Queanb'an	c	85	60	0
Deniliquin	b	99	69	0
Albury...	b	100	60	0
Bodalla ..	r	63	59	0·16
Cooma...	c	63	49	0
Eden....	u	76	63	0
Gabo Isld.	u	77	63	0

WEATHER MAP.

9 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 9 February ... 2·835

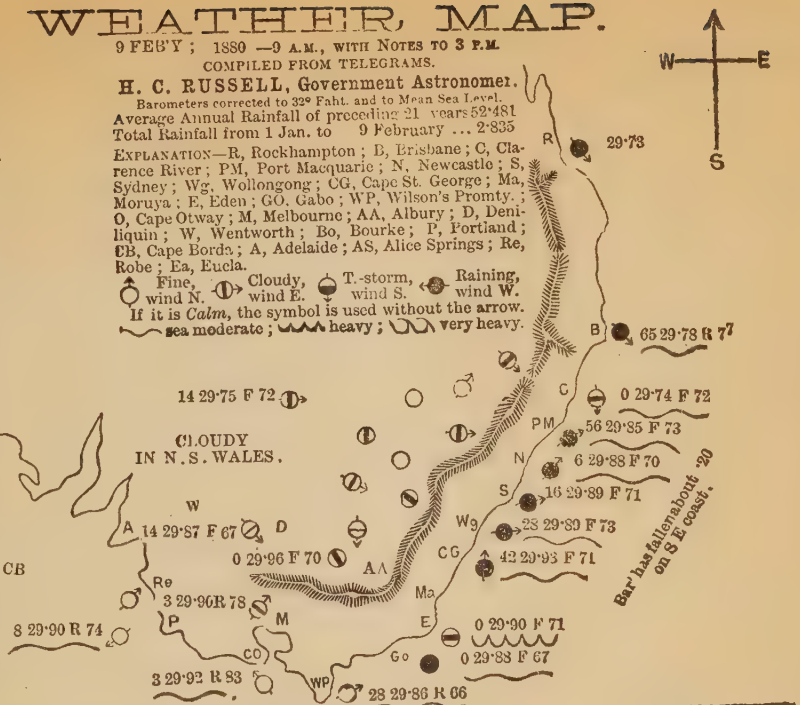
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO. Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'ther	Mean	Wind	Rain
Casino....	c	78	71	0·03
Tenterfi'ld	u	74	55	0
Grafton..	u	86	7..	0
Inverell..	b	90	62	0
Bourke ..	c	76	66	4·59
Narrabri..	b	94	70	0
Armidale .	u	73	41	0
Bendemeer	u	92	56	0
Gunnedah .	u	102	63	0
Coonab'an	u	93	68	0
P. Macqrie	r	79	70	0·37
Murr'undi	u	86	..	0
Cassilis ..	u	87	..	0
Mus'brook	u	86	64	0·02
Dubbo...	c	88	70	0
Mudgee ..	c	90	61	0
Maitland .	r	81	63	0·35
Newcastle	r	80	70	0·14
Orange ..	u	80	62	0
Bathurst..	b	78	64	0
Mt Victoria	p	68	54	2·85
Forbes...	u	81	68	0
SYDNEY	r	76	70	1·21
Wentw'th	..	..	..	.
Young...	u	77	61	0·24
Woll'gong	p	75	70	0·97
Moss Vale	r	70	62	0·41
Euston...	u	76	43	0·01
Goulburn.	u	73	62	0·02
Wagga. ...	u	85	65	0
Cape Geo.	p	73	..	0·54
Queanb'an	c	78	63	0·08
Deniliquin	u	90	65	0
Albury. ...	u	93	65	0·09
Bodalla ...	..	..	..	..
Cooma...	c	79	61	0·23
Eden.....	r	79	61	1·30
Gabo Isld.	d	94	64	0·55



WEATHER MAP.

10 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 10 February ... 2·930

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	Weather	Max	Min	Rain
Casino....	p	74	70	0·42
Tenterfield	r	77	60	0·20
Grafton..	u	80	65	0·35
Inverell..	b	83	64	0
Bourke ..	r	8.	70	0·59
Narrabri..	b	94	79	0
Armidale .	b	75	46	0·30
Bendemeer	u	89	56	0
Gunnedah	u	105	68	0·85
Coonabarabran	q	91	70	0
P. Macqrie	u	77	73	0 44
Murr'undi	b	83	..	0
Cassilis ..	u	86	..	0
Mus'brook	b	100	62	0
Dubbo...	r	80	70	0
Mudgee ..	u	87	70	0
Maitland .	r	82	71	0·43
Newcastle	u	76	69	0·11
Orange ..	u	83	64	0
Bathurst..	u	82	67	0·09
Mt Victoria	p	77	58	1·37
Forbes...	r	80	67	1·02
SYDNEY	u	73	71	0·10
Wentw'th	..	..	..	.
Young...	r	81	69	0 05
Woll'gong	p	76	69	0
Moss Vale	r	72	62	0·38
Euston...	b	85	58	0
Goulburn.	u	77	61	1·46
Wagga...	u	79	70	0
Cape Geo.	..	..	..	..
Queanb'an	c	76	66	0·65
Deniliquin	b	79	66	0·08
Albury...	u	85	67	0
Bodalla ..	..	..	..	..
Cooma...	r	75	62	1·25
Eden.....	u	74	69	2·05
Gabo Isld.	r	74	64	2·56

WEATHER MAP.

11 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

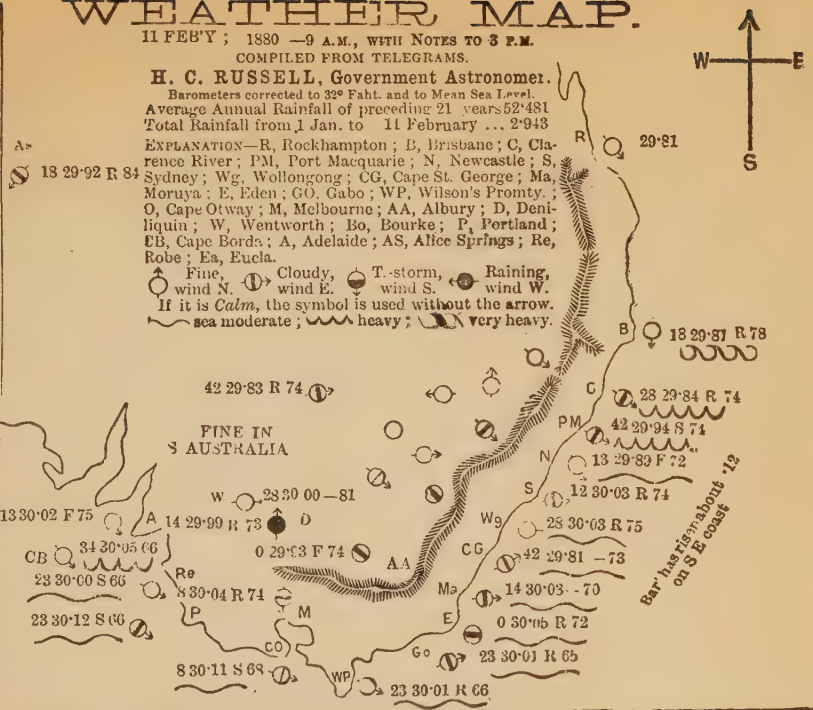
Total Rainfall from 1 Jan. to 11 February ... 2·943

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.



Stations	Wth'r	Max	Min	Rain
Casino....	b	78	66	0·02
Tenterfi'ld	b	72	60	0·18
Grafton..	b	79	67	0·11
Inverell..	b	85	..	0
Bourke ..	c	76	68	3·25
Narrabri..	b	94	68	0
Armidale .	u	77	45	0
Bendemeer	u	84	60	0
Gunnedah	b	96	60	0
Coonab'an	b	89	60	0
P. Macqrie	c	79	70	0
Murr'undi	b	85	..	0
Cassilis ..	u	85	..	0
Mus'brook	u	91	60	0
Dubbo...	b	81	67	0·09
Mudgee ..	u	87	65	0
Maitland .	c	83	68	0·15
Newcastle	b	77	67	0·04
Orange ..	b	78	58	0
Bathurst..	b	78	61	0
Mt Victoria	u	69	52	0·58
Forbes...	b	84	65	0·21
		Ea		
SYDNEY	b	76	67	0·01
Wentw'th	b	92	69	0
Young...	u	79	66	0·26
Woll'gong	b	82	66	0
Moss Vale	b	76	58	0·06
Euston...	b	71	60	0
Goulburn.	b	72	57	0·02
Wagga ..	c	75	63	0
Cape Geo.	b	76	..	0·16
Queanb'an	c	75	61	0
Deniliquin	p	97	56	0
Albury...	u	86	67	0·10
Bodalla ..	p	76	64	0·38
Cooma...	p	74	58	0·38
Eden.....	b	74	65	0·14
Gabo Isld.	u	67	61	0·56

WEATHER MAP.

12 FEB'Y ; 1889 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 12 February ... 2·956

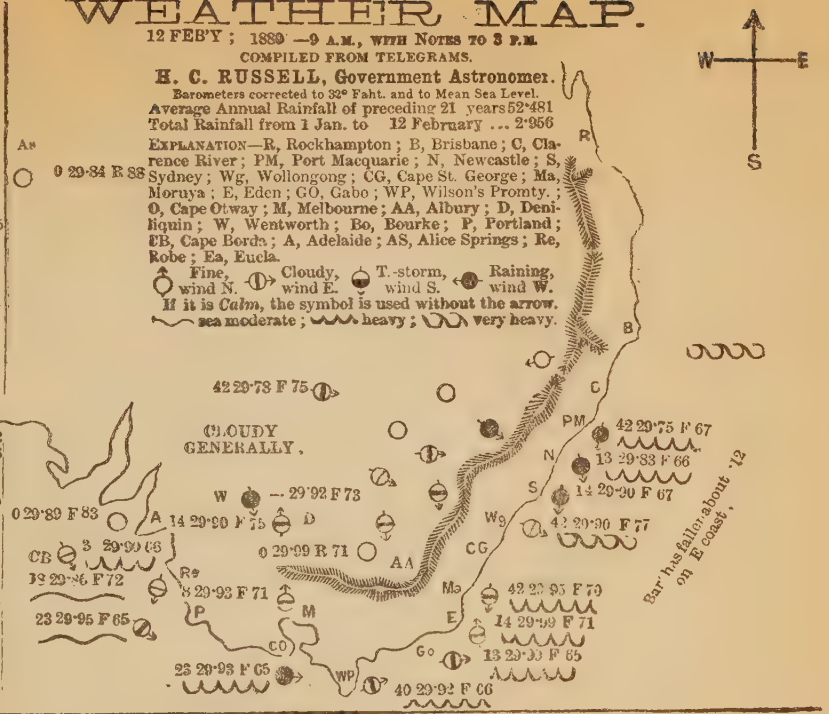
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	82	67	0
Tenterfi'ld	b	76	49	0
Grafton..	c	83	69	0
Inverell..	..	..	..	..
Bourke ..	c	86	67	0
Narrabri..	b	89	65	0
Armidale .	b	78	44	0
Bendemeer	u	79	50	0
Gunnedah	..	..	..	..
Coonab'an	..	..	..	..
P. Macqrie	r	77	66	1·15
Murr'undi	u	78	..	0
Cassilis ..	u	85	..	0
Mus'brook	u	89	65	0
Dubbo...	b	86	65	0
Mudgee ..	c	87	68	0
Maitland .	r	79	63	0
Newcastle	r	76	65	0
Orange ..	c	88	56	0
Bathurst..	u	76	59	0
MtVictoria	u	71	53	0
Forbes...	b	80	63	0
	Ea			
SYDNEY	r	77	66	0·02
Wentw'th	r	92	64	0·06
Young...	b	81	62	0
Woll'gong	c	81	67	0
Moss Vale	c	76	58	0·29
Euston...	b	81	55	0
Goulburn.	b	78	56	0
Wagga...	b	81	54	0
Cape Geo.	..	..	..	..
Queanb'an	c	..	68	0
Deniliquin	b	77	66	0·04
Albury...	b	94	65	0
Bodalla ..	b	85	62	0
Cooma...	c	76	53	0
Eden.....	b	77	64	0
Gabo Isld.	u	72	63	0



WEATHER MAP.

13 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

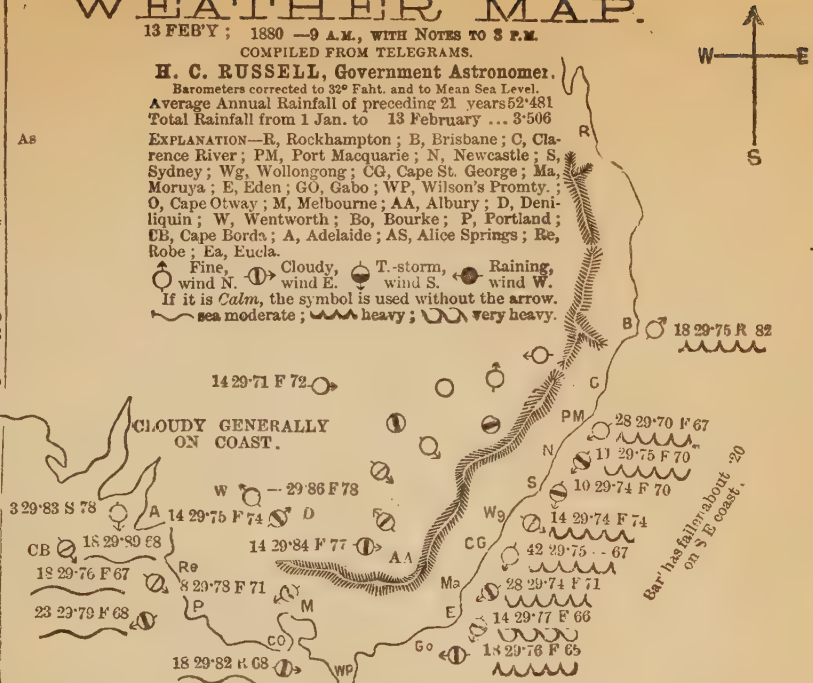
Total Rainfall from 1 Jan. to 13 February ... 3·506

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.



Stations	W'th'r	Max	Min	Rain
Casino....	b	81	71	0
Tenterfi'ld	b	83	56	0
Grafton..	b	87	68	0
Inverell..	b	84	63	0
Bourke ..	b	84	71	0
Narrabri..	b	90	68	0
Armidale .	b	78	44	0
Bendemeer	b	82	51	0
Gunnedah	b	96	58	0
Coonab'an	b	90	54	0
P. Macqrie	b	76	67	0·34
Murr'undi	b	73	..	0
Cassilis ..	b	81	..	0
Mus'brook	u	78	65	0
Dubbo...	b	87	67	0
Mudgee ..	c	85	67	0
Maitland .	u	75	69	0·10
Newcastle	u	75	46	0·32
Orange ..	b	80	55	0
Bathurst..	b	73	63	0
MtVictoria	u	64	59	0·10
Forbes...	c	83	66	0
		Ea		
SYDNEY	u	72	66	0·55
Wentw'th	b	80	55	0
Young...	c	79	64	0
Woll'gong	c	74	66	0
Moss Vale	u	64	57	0·13
Euston...	b	84	51	0
Goulburn.	u	66	57	0
Wagga...	b	81	58	0
Cape Geo.	c	72	..	0·47
Queanb'an	..	..	..	..
Deniliquin	u	91	70	0
Albury...	c	92	63	0
Bodalla ..	u	81	63	0
Cooma...	c	74	57	0
Eden.....	u	70	64	0·01
Gabo Isld.	u	75	64	0

WEATHER MAP.

14 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 14 February ... 3·507

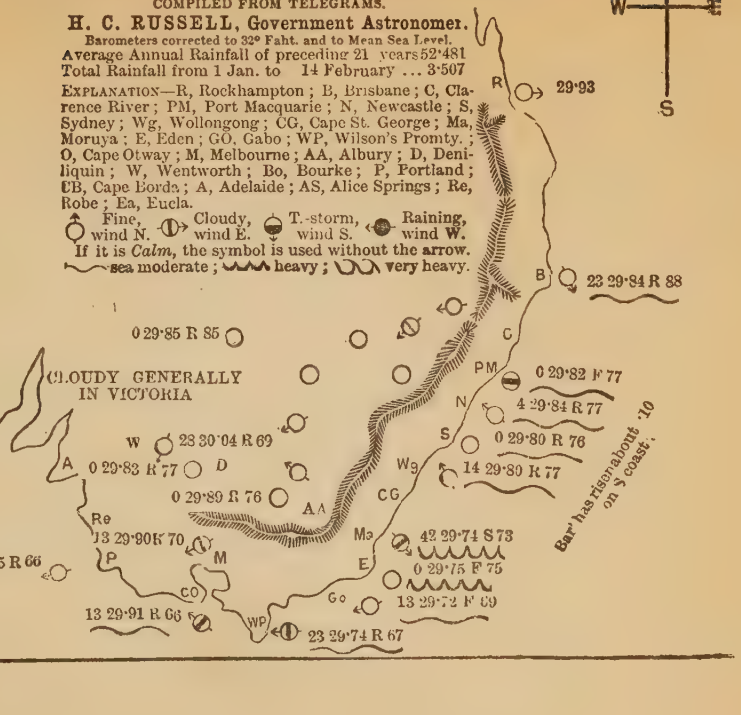
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	c	92	70	0
Tenterfi'ld	b	90	64	0
Grafton..	b	93	72	0
Inverell..	u	91	63	0
Bourke ..	b	94	74	0
Narrabri..	u	94	72	0
Armidale .	u	77	42	0
Bendemeer	b	90	58	0
Gunnedah	c	98	65	0
Coonab'an	b	94	58	0
P. Macqrie	u	80	71	0
Murr'undi	b	83	..	0
Cassilis ..	b	95	..	0
Mus'brook	u	99	66	0
Dubbo...	b	80	70	0
Mudgee ..	b	93	65	0
Maitland .	u	82	69	0
Newcastle	b	82	62	0
Orange ..	c	86	57	0
Bathurst..	b	89	59	0
MtVictoria	b	80	59	0·20
Forbes...	b	84	68	0
		Ea		
SYDNEY	b	77	65	0
Wentw'th	b	93	59	0
Young...	b	83	69	0
Woll'gong	b	81	67	0
Moss Vale	b	74	66	0·62
Euston...	b	88	51	0
Goulburn.	b	84	62	0
Wagga...	b	90	61	0
Cape Geo.	..	..	..	..
Queanb'an	b	92	68	0
Deniliquin	b	88	69	0
Albury...	b	94	69	0
Bodalla ..	c	85	64	0
Cooma...	b	84	78	0·72
Eden.....	b	76	65	0
Gabo Isld	b	72	65	0



WEATHER MAP.

16 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 16 February ... 3·605

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. : O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	..	..	..	..
Teuterfi'ld	u	85	59	0·56
Grafton..	u	84	50	0
Inverell..	b	89	64	0·53
Bourke ..	b	99	74	0
Narrabri..	u	96	72	0·45
Armidale .	..	..	..	..
Bendemeer	b	92	69	0
Gunnedah	..	.	.	..
Coonab'an	b	99	66	1·10
P. Macqrie	c	81	70	0·06
Murr'undi	u	88	..	0
Cassilis ..	u	97	..	0
Mus'brook	b	102	67	0
Dubbo...	u	94	72	1·04
Mudgee ..	b	88	69	0
Maitland .	c	90	70	0
Newcastle	c	80	70	0
Orange ..	c	90	62	0·02
Bathurst..	b	90	64	0
MtVictoria	r	83	55	0·80
Forbes...	u	88	68	0
		Ea		
SYDNEY	u	73	66	0·10
Wentw'th	b	89	57	0
Young...	u	89	65	0
Woll'gong	..	.	..	..
Moss Vale	u	67	56	0
Euston...	b	84	52	0
Goulburn.	u	73	55	0·03
Wagga...	c	96	65	0
Cape Geo.	r	71	..	0·06
Queanb'an	c	92	63	0
Deniliquin	b	95	55	0
Albury...	b	97	54	0
Bodalla ..	c	71	58	0·01
Cooma...	c	75	51	0
Eden.....	b	71	56	0
Gabo Isld.	u	67	57	0

WEATHER MAP.

17 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 17 February ... 3·732

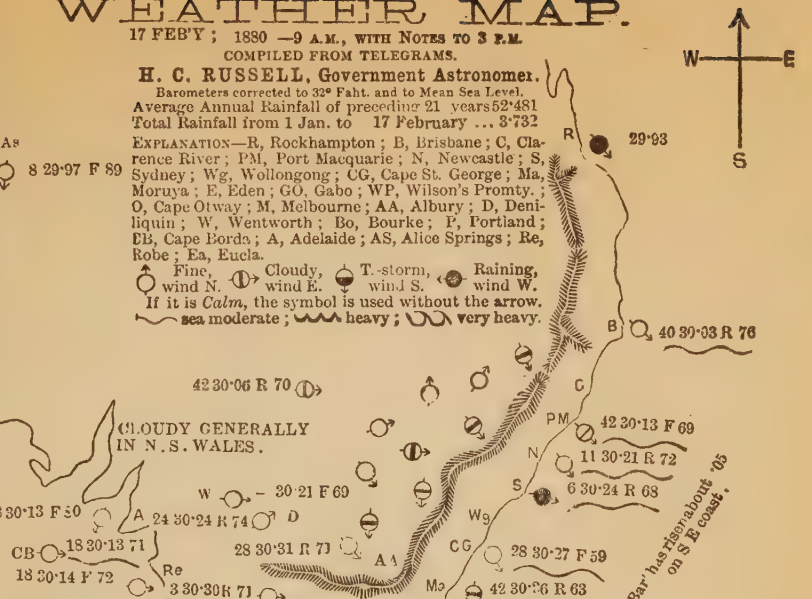
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; DB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	Weather	Max	Min	Rain
Casino....	p	75	66	0·15
Tenterfield	r	69	58	0·18
Grafton..	u	77	65	0·14
Inverell..	b	83	62	0
Bourke ..	c	93	66	0·12
Narrabri..	b	89	65	0
Armidale .	u	72	39	0·07
Bendemeer	b	78	55	0
Gunnedah	..	..	..	..
Coonab'an	b	87	60	0
P. Macqrie	q	71	65	0·21
Murr'undi	b	85	..	0
Cassilis ..	u	86	..	0·06
Mus'brook	u	85	63	0
Dubbo...	u	86	67	0
Mudgee ..	u	89	63	0
Maitland .	c	81	66	0
Newcastle	b	81	62	0·71
Orange ..	u	83	56	0
Bathurst..	u	76	56	0
Mt Victoria	r	62	48	1·75
Forbes...	b	89	68	0
SYDNEY	u	71	63	0·13
Wentw'th	b	97	62	0
Young...	b	82	61	0
Woll'gong	..	..	..	..
Moss Vale	u	65	54	0·23
Euston...	b	82	52	0
Goulburn.	u	67	53	0·02
Wagga...	b	82	55	0
Cape Geo.	..	..	..	..
Queanb'an	c	87	54	0
Deniliquin	b	85	66	0
Albury...	b	97	57	0
Bodalla ..	p	73	55	0·14
Cooma...	c	69	46	0
Eden.....	b	79	55	0
Gabo Isld.	b	76	58	0



WEATHER MAP.

19 FEB'Y; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 18 February ... 3·754

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	p	75	64	1·40
Tenterfi'ld	u	64	52	0·08
Grafton..	b	76	64	0·12
Inverell..	b	73	60	0
Bourke ..	c	73	64	0
Narrabri..	b	82	63	0
Armidale .	p	70	37	0·04
Bendemeer	u	64	53	0·35
Gunnedah	u	85	56	..
Coonab'an	b	81	53	0
P. Macqrie	u	76	64	0·03
Murr'undi	u	72	56	0
Cassilis ..	u	76	..	0·05
Mus'brook	u	82	59	0·24
Dubbo...	u	80	62	0
Mudgee ..	u	80	59	0
Maitland .	c	76	63	0·70
Newcastle	u	80	61	0·43
Orange ..	c	72	53	0
Bathurst..	b	67	55	0
Mt Victoria	r	57	49	1·05
Forbes...	b	88	65	0
SYDNEY	u	71	63	0·21
Wentw'th	b	96	66	0
Young...	c	75	59	0
Woll'gong	p	74	62	0·15
Moss Vale	b	..	..	0
Euston...	b	84	51	0
Goulburn.	u	70	52	0·08
Wagga...	b	84	57	0
Cape Geo.	p	66	..	0·33
Queanb'an	c	72	55	0
Deniliquin	b	93	57	0
Albury...	b	88	54	0
Bodalla ..	p	74	56	0·10
Cooma...	c	67	50	0
Eden.....	u	72	60	0
Gabo Isld.	u	74	63	0

WEATHER MAP.

19 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

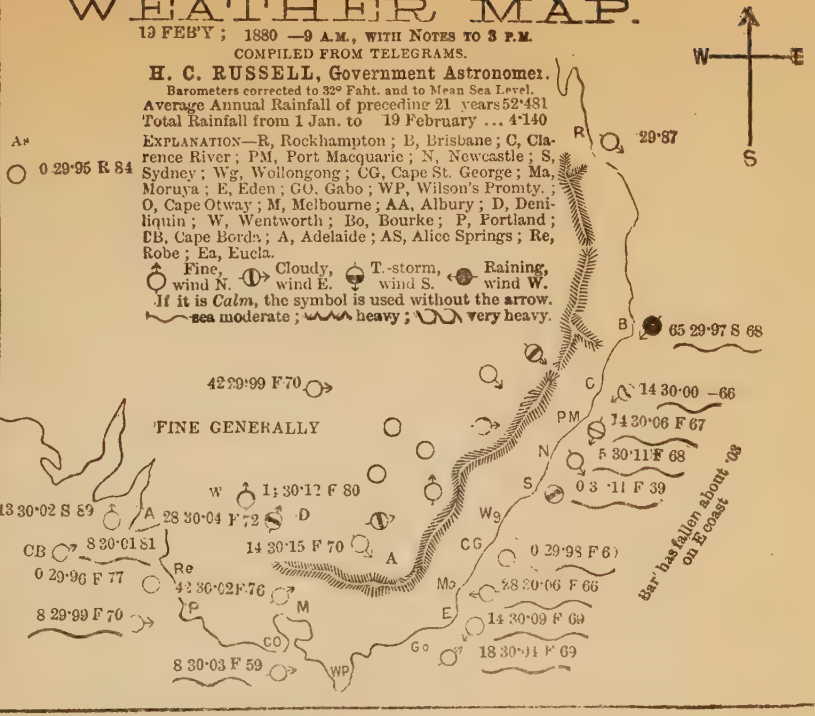
Total Rainfall from 1 Jan. to 19 February ... 4·140

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO. Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.



Stations	W'th'r	Max	Min	Rain
Casino....	u	74	65	0 25
Tenterfi'ld	u	66	53	0
Grafton..	u	80	66	0
Inverell..	b	77	59	0
Bourke ..	b	82	61	0
Narrabri..	..	..	..	..
Armidale .	u	70	39	0
Bendemeer	b	74	57	0
Gunnedah	..	..	..	..
Coonab'an	b	82	53	0
P. Macqrie	u	76	63	0·26
Murr'undi	b	78	57	0
Cassilis ..	b	77	..	0
Mus'brook	b	78	59	0·09
Dubbo...	b	80	63	0
Mudgee ..	b	81	57	0
Maitland .	b	74	60	0
Newcastle	b	77	63	0·25
Orange ..	b	74	51	0
Bathurst..	b	69	48	0
MtVictoria	c	63	50	0·77
Forbes...	b	86	67	0
13 29·93	74	Ea		
SYDNEY	b	72	61	0·16
Wentw'th	b	93	61	0
Young...	b	76	58	0
Woll'gong	.	.	.	.
Moss Vale	c	66	54	0·18
Euston...	b	83	51	0
Goulburn.	b	70	58	0
Wagga...	b	83	50	0
Cape Geo.	b	71	..	0
Queanb'an	b	76	55	0
Deniliquin	c	90	69	0
Albury...	b	90	55	0
Bodalla ..	p	75	52	0·05
Cooma...	u	71	43	0
Eden.....	b	72	60	0
Gabo Isld.	b	74	67	0

WEATHER MAP.

20 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 20 February ... 4·142

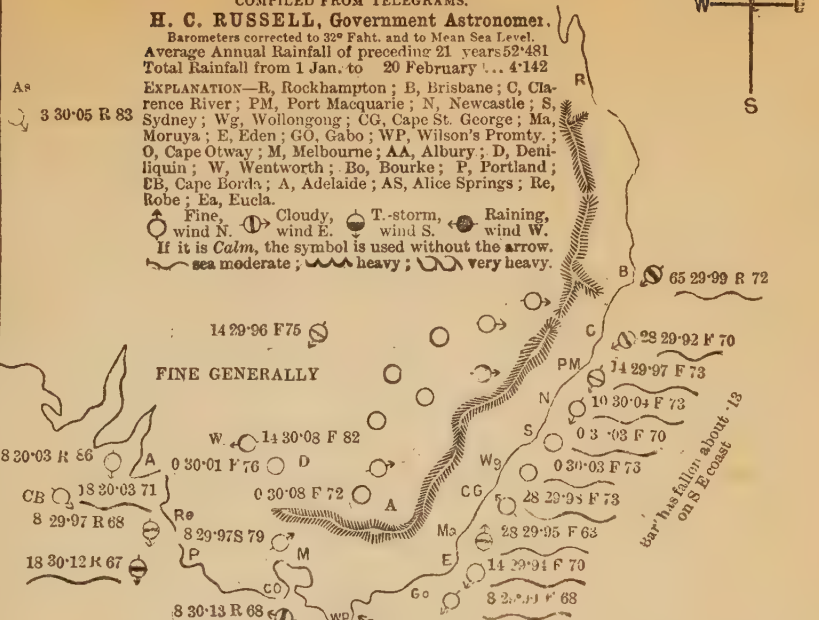
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	..	..	..	..
Tenterfi'ld	b	66	55	0·13
Grafton..	u	75	66	0·05
Inverell..	b	79	61	0
Bourke ..	c	88	69	0
Narrabri..	b	86	64	0
Armidale .	b	73	42	0
Bendemeer	b	80	49	0
Gunnedah	c	91	55	0
Coonab'an	b	80	55	0
P. Macqrie	u	76	66	0
Murr'undi	b	76	62	0
Cassilis ..	b	79	..	0
Mus'brook	b	85	58	0
Dubbo...	b	85	65	0
Mudgee ..	b	86	60	0
Maitland .	b	80	64	0
Newcastle	b	78	65	0
Orange ..	b	82	52	0
Bathurst..	b	80	51	0
MtVictoria	b	73	50	0
Forbes...	b	84	63	0
SYDNEY	b	74	63	0
Wentw'th	b	96	61	0
Young...	b	81	66	0
Woll'gong	b	80	61	0
Moss Vale	b	74	55	0
Euston...	b	85	52	0
Goulburn.	b	80	53	0
Wagga...	b	90	58	0
Cape Geo.	b	78	..	0
Queanb'an	b	87	58	0
Deniliquin	b	94	59	0
Albury...	b	92	54	0
Bodalla ..	b	81	56	0
Cooma...	b	81	47	0
Eden.....	b	77	61	0·08
Gabo Isld.	b	75	63	0



WEATHER MAP.

21 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 21 February ... 4·143

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO. Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	..	..	..	..
Tenterfi'ld	r	73	57	10
Grafton..	r	85	68	0
Inverell..	r	84	60	0
Bourke ..	b	89	77	0
Narrabri..	b	83	58	0
Armidale .	r	77	46	0
Bendemeer	..	..	..	..
Gunnedah	..	..	..	..
Coonab'an	c	79	62	0
P. Macqrie	.	..	..	..
Murr'undi	..	..	..	..
Cassilis ..	u	88	..	0
Mus'brook	..	.		..
Dubbo...	..	..	..	..
Mudgee ..	u	9	67	0
Maitland .	u	85	68	0
Newcastle	u	79	67	0
Orange ..	c	81	52	0
Bathurst..	b	87	60	0
Mt Victoria	u	.	..	0
Forbes...	c	76	69	0
SYDNEY	c	77	66	0
Wentw'th	b	104	69	0
Young...	u	88	65	0
Woll'gong	b	83	63	0
Moss Vale	c	78	58	0
Euston...	..	..	..	..
Goulburn.	u	87	55	0
Wagga...	b	94	52	0
Cape Geo.	b	76	..	0
Queanb'an	..	..	..	..
Deniliquin	b	100	62	0
Albury...	b	98	38	0
Bodalla ..	b	89	54	0
Cooma...	..	..	..	..
Eden....	..	..	..	..
Gabo Isld.	..	..	..	..

WEATHER MAP.

23 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 23 February ... 4·144

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	..	..	..	..
Tenterfi'ld	r	67	57	0·40
Grafton..	r	71	66	0·68
Inverell..	u	74	64	2·10
Bourke ..	c	74	65	0·37
Narrabri..	c	71	63	0·07
Armidale .	..	..	..	..
Bendemeer	..	..	..	..
Gunnedah	u	78	68	0·06
Coonab'an	p	68	54	1·00
P. Macqrie	u	70	64	1·03
Murr'umbi	u	73	68	0·31
Cassilis ..	b	71	..	1.00
Mus'brook	b	80	62	0
Dubbo...	u	86	61	0·03
Mudgee ..	u	75	63	0
Maitland .	..	..	..	..
Newcastle	u	80	66	0
Orange ..	u	73	52	0
Bathurst..	u	78	59	0
Mt Victoria	c	64	54	0·26
Forbes...	u	90	69	0
SYDNEY	u	75	66	0
Wentw'th	b	104	68	0
Young...	b	83	66	0
Woll'gong	b	81	64	0
Moss Vale	b	77	37	0
Euston...	..	..	..	.
Goulburn.	b	88	53	0
Wagga ..	b	9[illegible]	67	0
Cape Geo.	b	78	..	0
Queanb'an	b	88	58	0
Deniliquin	..	..	..	.
Albury...	b	103	61	0
Bodalla ..	b	86	58	0
Cooma...	c	87	52	0
Eden....	b	74	64	0
Gabo Isld.	b	74	64	0

WEATHER MAP.

24 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 24 February ... 4·224

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	75	68	0
Tenterfi'ld	u	70	55	0
Grafton...	u	74	66	0·10
Inverell..	b	80	61	0·50
Bourke ..	c	80	68	2·00
Narrabri..	b	80	63	0
Armidale .	u	75	40	0
Bendemeer	b	79	50	0
Gunnedah	b	91	58	0·04
Coonab'an	b	76	62	0·20
P. Macqrie	b	77	67	0
Murr'undi	b	71	67	0
Cassilis ..	b	82	..	0
Mus'brook	b	89	62	0
Dubbo...	u	86	64	0·17
Mudgee ..	..	..	..	..
Maitland .	u	85	69	0
Newcastle	b	81	70	0
Orange ..	u	80	58	0
Bathurst..	u	80	61	0
MtVictoria	u	73	60	0
Forbes...	c	87	66	0
SYDNEY	u	77	67	0·08
Wentw'th	u	101	71	0
Young...	c	87	66	0
Woll'gong	p	83	63	0
Moss Vale	u	81	66	0
Euston...	..	..	..	.
Goulburn.	u	88	60	0
Wagga...	b	92	70	0
Cape Geo.	c	70	..	0·17
Queanb'an	c	88	59	0
Deniliquin	b	103	71	0
Albury...	b	99	64	0
Bodalla ..	..	..	..	.
Cooma ...	u	80	58	0
Eden.....	b	80	69	0
Gabo Isld	u	85	67	0·22

WEATHER MAP.

25 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 25 February ... 4·226

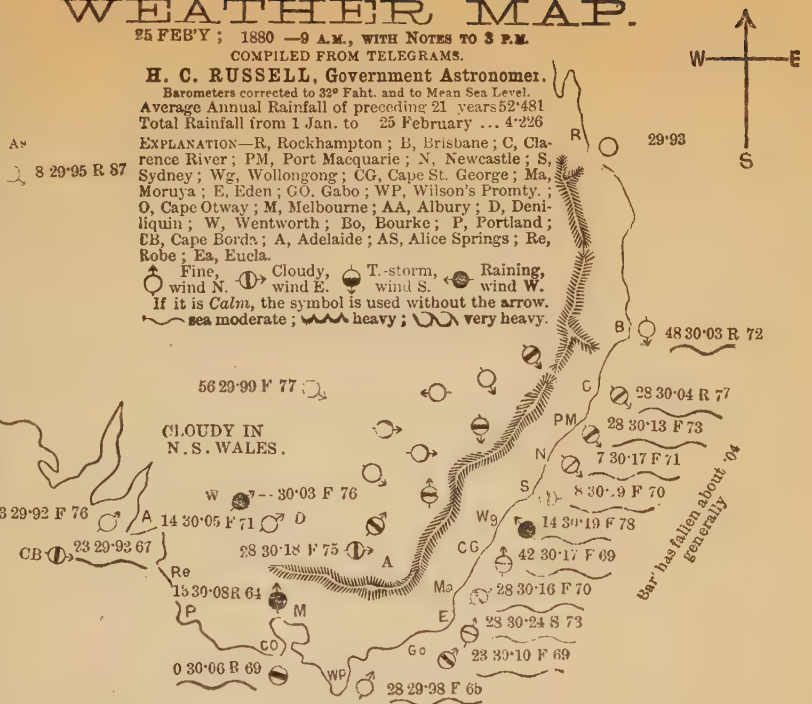
EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	p	77	68	0·24
Tenterfi'ld	u	69	55	0
Grafton..	u	80	66	0
Inverell..	b	85	60	0
Bourke ..	b	80	68	0·08
Narrabri..	b	85	65	0
Armidale .	u	75	43	0
Bendemeer	b	75	53	0
Gunnedab	b	90	55	0
Coonab'an	b	85	55	0
P. Macqrie	c	74	68	0
Murr'undi	b	76	59	0
Cassilis ..	u	82	..	0
Mus'brook	u	86	63	0
Dubbo...	b	82	64	0
Mudgee ..	c	84	63	0
Maitland .	u	80	69	0
Newcastle	u	71	69	0
Orange ..	b	80	55	0
Bathurst..	b	72	59	0
MtVictoria	u	65	50	0·17
Forbes...	b	86	67	0
		Ea		
SYDNEY	u	73	67	0
Wentw'th	p	85	63	0·19
Young...	b	85	62	0
Woll'gong	p	71	62	0
Moss Vale	u	66	56	0·15
Euston...	r	88	74	1·48
Goulburn.	u	88	56	0
Wagga...	u	92	66	0
Cape Geo.	b	75	..	0·11
Queanb'an	c	79	62	0
Deniliquin	u	92	68	0
Albury...	c	96	67	0
Bodalla ..	c	84	60	0
Cooma...	c	78	56	0
Eden.....	c	74	67	0
Gabo Isld.	c	80	65	0



WEATHER MAP.

26 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 26 February ... 4·202

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	c	78	68	0·05
Tenterfi'ld	r	71	57	0
Grafton..	c	83	66	0·17
Inverell..	b	81	54	0
Bourke ..	c	85	70	0
Narrabri..	b	87	63	0
Armidale .	b	74	42	0
Bendemeer	b	70	59	0
Guanedah	b	91	54	0
Coonab'an	b	85	52	0
P. Macqrie	p	78	65	0·10
Murr'undi	b	78	68	0
Cassilis ..	b	82	..	0
Mus'brook	b	84	57	0
Dubbo...	b	84	65	0
Mudgee ..	b	88	60	0
Maitland .	c	82	68	0
Newcastle	c	80	65	0
Orange ..	c	80	58	0
Bathurst..	b	78	56	0
Mt Victoria	c	66	45	0
Forbes...	b	85	63	0
SYDNEY	c	73	65	0·01
Wentw'th	..	.	.	.
Young...	u	85	62	0
Woll'gong	b	78	61	0
Moss Vale	b	68	57	0
Euston...	u	82	63	0
Goulburn.	b	73	54	0
Wagga...	r	87	55	0
Cape Geo.	c	74	..	0
Queanb'an	b	78	61	0
Deniliquin	p	71	58	1·12
Albury...	p	89	64	0·30
Bodalla ..	u	81	58	0
Cooma...	u	80	55	0
Eden.....	u	79	67	0
Gabo Isld.	u	73	63	0

WEATHER MAP.

27 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

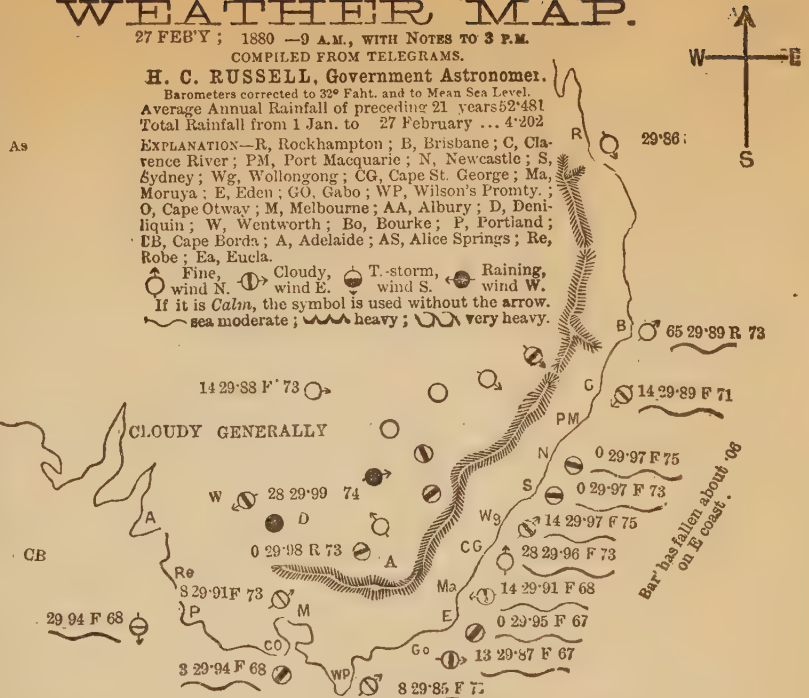
Total Rainfall from 1 Jan. to 27 February ... 4·202

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; DB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.



Stations	W'th'r	Max	Min	Rain
Casino....	b	..	..	0
Tenterfi'ld	u	74	8	0
Grafton..	g	85	67	0
Inverell..	b	85	60	0
Bourke ..	b	82	67	0
Narrabri..	b	83	71	0
Armidale .	b	70	40	0
Bendemeer	b	73	57	0
Gunnedah	b	..	..	0
Coonab'an	b	94	65	0
P. Macqrie	b	..	..	0
Murr'undi	c	81	66	0
Cassilis ..	c	85	..	0
Mus'brook	c	92	64	0
Dubbo...	g	86	69	0
Mudgee ..	b	84	62	0
Maitland .	c	85	69	0
Newcastle	c	81	62	0
Orange ..	g	73	60	0
Bathurst..	u	78	61	0
MtVictoria	g	73	40	0
Forbes...	c	81	61	0
SYDNEY	b	77	68	0
Wentw'th	c	87	64	0
Young...	r	78	64	0·03
Woll'gong	c	80	66	0
Moss Vale	b	71	60	0
Euston...	g	91	69	2·12
Goulburn.	g	83	61	0
Wagga...	g	76	65	0
Cape Geo.	b	76	..	0
Queanb'an	g	79	65	0
Deniliquin	r	81	67	0.30
Albury...	c	73	62	0·14
Bodalla ..	g	83	63	0·02
Cooma...	b	60	..	0
Eden.....	u	77	66	0
Gabo Isld.	g	77	64	0·03

WEATHER MAP.

28 FEB'Y ; 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 28 February ... 4·203

EXPLANATION—R, Rockhampton ; B, Brisbane ; C, Clarence River ; PM, Port Macquarie ; N, Newcastle ; S, Sydney ; Wg, Wollongong ; CG, Cape St. George ; Ma, Moruya ; E, Eden ; GO, Gabo ; WP, Wilson's Promty. ; O, Cape Otway ; M, Melbourne ; AA, Albury ; D, Deniliquin ; W, Wentworth ; Bo, Bourke ; P, Portland ; CB, Cape Borda ; A, Adelaide ; AS, Alice Springs ; Re, Robe ; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate ; heavy ; very heavy.

Stations	Wth'r	Max	Min	Rain
Casino....	c	81	72	0
Tenterfield	u	74	57	0
Grafton..	b	89	69	0·04
Inverell..	b	83	62	0
Bourke ..	b	92	72	0
Narrabri..	b	87	68	0
Armidale .	b	79	47	0
Bendemeer	b	86	56	0
Grafton	..	..	..	..
Goulburn	b	93	57	0
P. Macquarie	b	76	64	2·15
Murr'undi	b	74	60	0
Cassilis ..	b	89	..	0
Mus'brook	b	86	65	0
Dubbo...	b	88	68	0
Mudgee ..	b	97	64	0
Maitland .	u	85	71	0
Newcastle	u	80	68	0
Orange ..	b	84	52	0
Bathurst..	b	87	56	0
Mt Victoria	b	79	49	0
Forbes...	c	83	60	0
	Ea			
SYDNEY	b	77	68	0
Wentw'th	b	88	59	0
Young...	r	90	64	0
Woll'gong	b	84	67	0
Moss Vale	b	79	64	0
Euston...	..	..	..	..
Goulburn.	b	83	60	0
Wagga...	u	89	57	0
Cape Geo.	b	74	..	0
Queanb'an	b	77	62	0
Deniliquin	u	83	64	0
Albury...	b	89	65	0
Bodalla ..	..	..	..	..
Cooma...	c	57	55	0
Eden.....	b	77	66	0
Gabo Isld.	b	74	64	0

WEATHER MAP.

1 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 1 March ..... 4·469

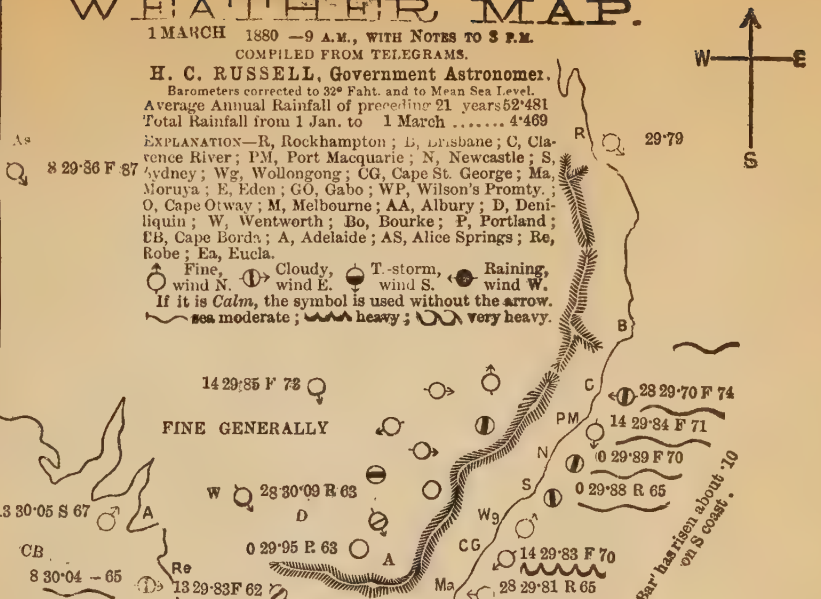
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weath.	Max	Min	R
Casino....	c	80	71	1·57
Tenterfield	..	..	..	-
Grafton..	u	93	70	0·23
Inverell..	c	86	66	0
Bourke ..	b	84	61	0
Narrabri..	b	92	65	0
Armidale.	b	80	43	0·37
Bendemeer	u	89	61	0
Gunnedah	..	..	..	..
Coonab'an	b	92	53	0
P. Macqrie	b	72	65	0
Murr'undi	u	84	62	0
Cassilis ..	u	86	..	0
Mus'brook	b	81	62	0
Dubbo...	b	88	64	0·62
Mudgee ..	u	88	64	0
Maitland .	u	89	67	0·20
Newcastle	u	75	65	0
Orange ..	c	77	57	0
Bathurst..	b	81	52	0·15
Mt Victoria	u	62	44	0·49
Forbes...	b	80	60	0
SYDNEY	u	71	62	0·49
Wentw'th	b	81	53	0·09
Young...	c	72	57	0
Woll'gong	..	..	..	..
Moss Vale	b	63	50	0
Euston...	..	..	..	..
Goulburn.	b	66	51	0
Wagga...	b	75	52	0
Cape Geo.	b	74	..	0
Queanb'an	b	78	50	0·02
Deniliquin	..	..	..	..
Albury...	b	75	46	1·50
Bodalla ..	q	69	50	0
Cooma....	u	58	45	0·80
Eden.....	u	67	58	0·13
Gabo Isld.	r	66	59	0·77



WEATHER MAP.

2 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 2 March ..... 4·549

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	c	83	73	0·04
Tenterfi'ld	u	78	62	1·15
Grafton..	u	86	72	0·13
Inverell..	b	82	62	0·04
Bourke ..	b	85	62	0
Narrabri..	..	..	..	..
Armidale .	b	79	48	0·69
Bendemeer	u	82	61	0
Gunnedah	..	..	..	..
Coonab'an	b	89	47	0
P. Macqrie	c	76	69	0·13
Murr'undi	u	82	65	0
Cassilis ..	u	92	..	0
Mus'brook	u	84	69	0
Dubbo...	b	84	63	0
Mudgee ..	c	90	67	0
Maitland .	u	75	70	0·05
Newcastle	c	74	65	0·51
Orange ..	c	78	53	0
Bathurst..	b	83	53	0
MtVictoria	r	70	50	0·20
Forbes...	b	88	61	0
SYDNEY	u	72	66	0·08
Wentw'th	b	82	53	0
Young...	b	79	59	0
Woll'gong	p	74	66	0·08
Moss Vale	b	75	60	0
Euston...	b	100	55	0
Goulburn.	u	85	59	0
Wagga ..	b	82	56	0
Cape Geo.	c	76	..	0
Queanb'an	c	83	60	0
Deniliquin	b	73	53	0
Albury...	b	81	54	0
Bodalla ..	b	85	57	0
Cooma...	c	70	52	0·10
Eden.....	b	74	59	0
Gabo Isld.	b	68	60	0·05

WEATHER MAP.

3 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 3 March ..... 4·550

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weth'r	Max	Min	Rain
Casino....	c	83	70	0·34
Tenterfield	u	78	64	0·20
Grafton..	u	89	70	0·13
Inverell..	u	84	68	0
Bourke ..	b	89	64	0
Narrabri..	b	90	74	0
Armidale .	u	73	42	0
Bendemeer	b	89	71	0
Gunnedah	..	..	..	..
Coonabarabran	b	93	66	0
P. Macquarie	c	80	70	0·69
Murr'undi	u	82	68	0
Cassilis ..	u	89	..	0
Mus'brook	u	85	66	0
Dubbo...	b	87	70	0
Mudgee ..	c	90	60	0
Maitland .	u	79	71	0
Newcastle	c	74	69	0·01
Orange ..	c	82	59	0
Bathurst..	b	82	59	0
MtVictoria	r	70	50	0·48
Forbes...	b	89	66	0
		Ea		
SYDNEY	u	75	68	0
Wentw'th	b	87	56	0
Young...	c	82	64	0
Woll'gong	p	77	66	0·11
Moss Vale	u	87	56	0·05
Euston...	b	101	56	0
Goulburn.	u	72	58	0·03
Wagga...	b	86	65	0
Cape Geo.	b	71	..	0
Queanb'an	u	76	62	0
Deniliquin	b	73	60	0
Albury...	c	86	58	0
Bodalla ..	p	84	60	0·16
Cooma...	c	79	53	0
Eden.....	..	..	..	..
Gabo Isld.	u	70	64	0

WEATHER MAP.

4 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 4 March ..... 5·003

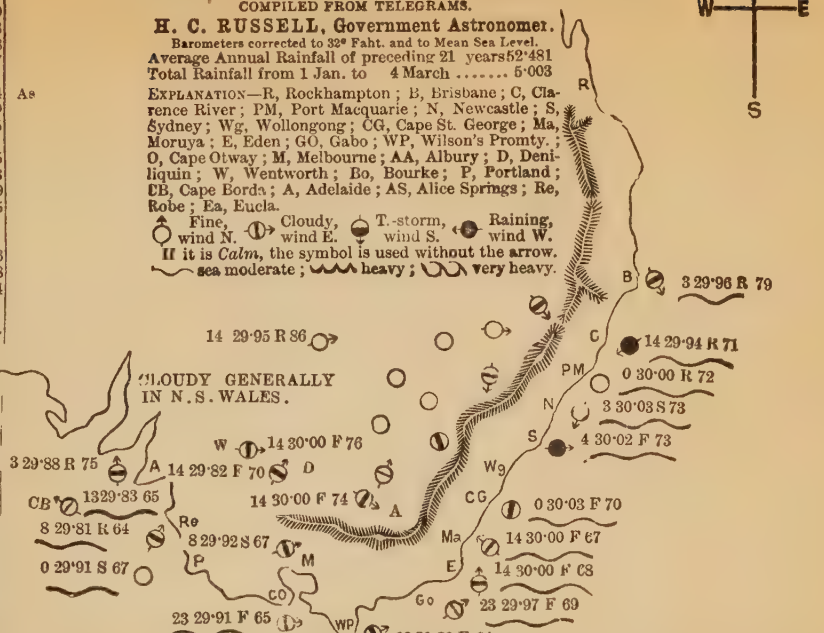
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain	
Casino....	p	80	70	0·39	
Tenterfi'ld	u	77	64	0·18	
Grafton..	u	82	69	0·88	
Inverell..	b	83	66	0·67	
Bourke ..	b	95	63	0	
Narrabri..	b	86	65	1·24	As
Armidale .	u	76	46	0·50	
Bendemeer	b	78	52	0·25	
Gunnedah	..	..	..	..	
Coonab'an	b	99	56	1·65	
P. Macqrie	c	78	68	0·33	
Murr'undi	u	77	65	0·19	
Cassilis ..	u	71	..	0·45	
Mus'brook	u	81	65	0	
Dubbo...	b	86	67	0	
Mudgee ..	u	89	61	0·16	
Maitland .	c	78	68	0·08	
Newcastle	b	78	67	0·14	
Orange ..	b	77	60	0	
Bathurst..	b	73	60	0	
MtVictoria	c	65	50	0·57	
Forbes...	b	85	60	0	
		Ea			
SYDNEY	u	77	68	0·23	
Wentw'th	u	93	67	0	
Young...	b	81	64	0·07	
Woll'gong	..	..	..	.	
Moss Vale	r	74	59	0·01	
Euston...	u	100	76	0	
Goulburn.	u	71	59	0	
Wagga...	b	83	65	0	
Cape Geo.	c	69	..	0	
Queanb'an	c	75	61	0·15	
Deniliquin	u	88	59	0	
Albury...	u	90	62	0	
Bodalla ..	p	72	59	0·10	
Cooma...	c	70	57	0	
Eden.....	c	76	63	0·24	
Gabo Isld	u	72	65	0·04	



WEATHER MAP.

5 MARCH 1889 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 5 March ..... 5·073

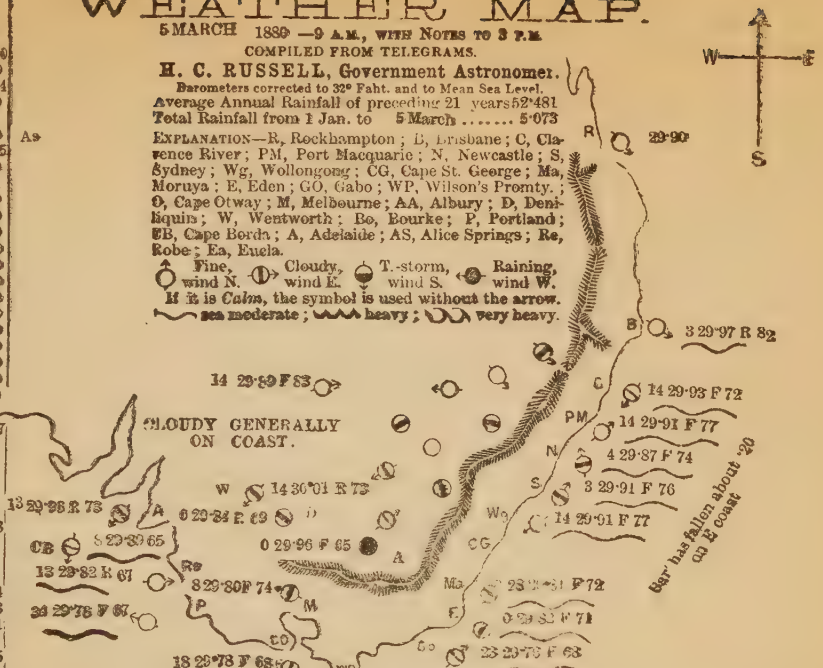
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	p	81	72	0·10
Tenterfi'ld	u	76	65	0
Grafton..	u	87	71	0·14
Inverell..	b	84	62	0
Bourke ..	..	..	..	..
Narrabri..	b	89	65	0
Armidale .	b	77	47	1·85
Bendemeer	b	85	42	0
Gunnedah	..	..	..	..
Coonab'an	c	90	61	0
P. Macqrie	b	79	70	0
Murr'undi	b	81	65	0
Cassilis ..	u	86	..	0
Mus'brook	u	91	69	0
Dubbo...	b	87	72	0
Mudgee ..	c	91	65	0
Maitland .	u	84	75	0
Newcastle	u	80	70	0
Orange ..	u	85	60	0
Bathurst..	b	86	61	0
MtVictoria	b	77	53	0
Forbes...	u	88	59	0
SYDNEY	u	77	69	0·07
Wentw'th	u	98	67	0
Young...	u	85	70	0
Woll'gong	b	77	65	0
Moss Vale	b	74	63	0
Euston...	b	79	66	0
Goulburn.	b	82	58	0·13
Wagga...	r	86	69	0
Cape Geo.	..	..	..	..
Queanb'an	c	80	64	0
Deniliquin	u	83	56	0·14
Albury...	r	95	62	1·03
Bodalla ..	p	81	62	0·01
Cooma...	c	76	60	0
Eden.....	u	75	67	0·05
Gabo Isld.	u	74	66	0



WEATHER MAP.

6 MARCH 1886 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 6 March ..... ·0

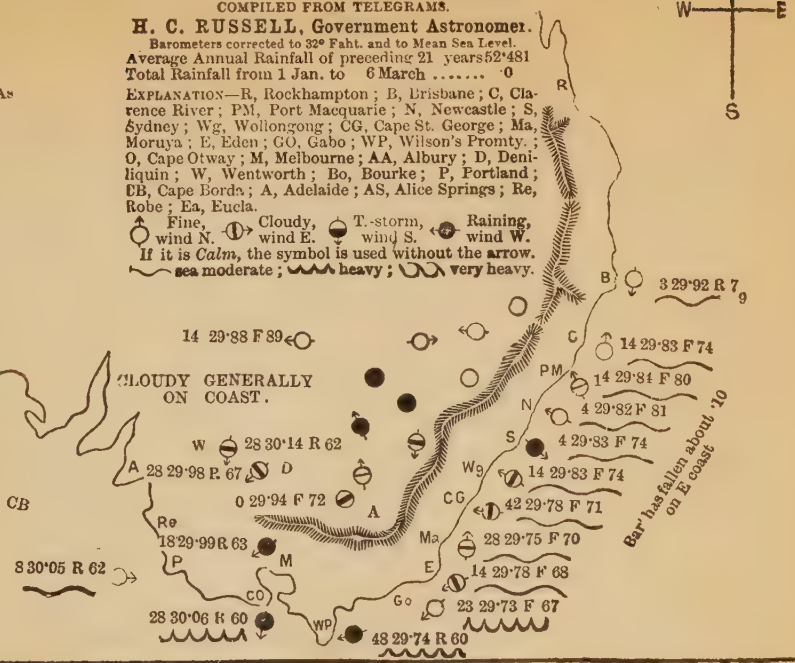
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	..	.	..	..
Tenterfi'ld	b	81	64	0
Grafton..	b	87	71	0
Inverell..	b	87	62	0
Bourke ..	b	102	76	0
Narrabri..	b	91	73	0
Armidale .	b	82	49	0
Bendemeer	c	82	62	0
Gunnedah	..	..	..	..
Coonab'an	b	82	61	0
P. Macqrie	b	82	78	0
Murr'undi	b	85	70	0
Cassilis ..	b	93	..	0
Mus'brook	b	97	70	0
Dubbo.. .	b	91	71	0
Mudgee ..	b	92	60	0
Maitland .	b	91	76	0
Newcastle	b	87	73	0
Orange ..	b	84	62	0·14
Bathurst..	r	86	63	0·11
MtVictoria	r	79	53	0
Forbes.. .	p	90	65	0·28
		Ea		
SYDNEY	u	80	72	0·01
Wentw'th	u	77	58	0
Young...	p	80	64	0·19
Woll'gong	c	80	67	0·20
Moss Vale	..	..	..	.
Euston...	u	88	76	0
Goulburn.	u	82	58	0·37
Wagga...	p	74	61	1·30
Cape Geo.	c	73	..	0·37
Queanb'an	c	74	60	0·45
Deniliquin	u	85	62	0
Albury...	u	81	63	0·24
Bodalla ..	p	83	62	0·15
Cooma...	c	69	55	0·43
Eden.....	c	79	65	0
Gabo Isld,	b	71	64	0·07



WEATHER MAP.

MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 7 March ..... 5·280

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Wind.	Max.	Min.	Rain.
Casino....	b	80	67	0
Tenterfi'ld	b	87	57	0·32
Grafton..	b	75	65	0·11
Inverell..	b	88	58	0
Bourke ..	b	89	69	0
Narrabri..	b	90	62	0
Armidale .	b	80	50	0
Bendemeer	b	91	78	0
Gunnedah	..	..	..	..
Coonab'an	b	86	53	0
P. Macqrie	b	71	62	0·20
Murr'undi	b	83	58	0
Cassilis ..	b	83	..	0
Mus'brook	u	81	60	0
Dubbo...	b	88	66	0
Mudgee ..	b	93	61	0
Maitland .	b	92	62	0·55
Newcastle	b	80	63	0
Orange ..	b	72	49	0
Bathurst..	b	79	50	0
MtVictoria	b	70	43	0
Forbes...	b	88	67	0
SYDNEY	b	72	65	0·20
Wentw'th	b	83	52	0
Young...	b	72	52	0
Woll'gong	b	78	63	0
Moss Vale	b	72	57	0
Euston...	b	81	50	0
Goulburn.	b	82	53	0
Wagga...	b	81	51	0
Cape Geo.	b	76	..	0
Queanb'an	b	80	51	0
Deniliquin	b	78	49	0
Albury...	b	81	46	0
Bodalla ..	b	78	57	0
Cooma ...	u	79	50	0
Eden.....	b	73	62	0
Gabo Isld.	b	71	61	0

WEATHER MAP.

8 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 8 March ..... 5·280

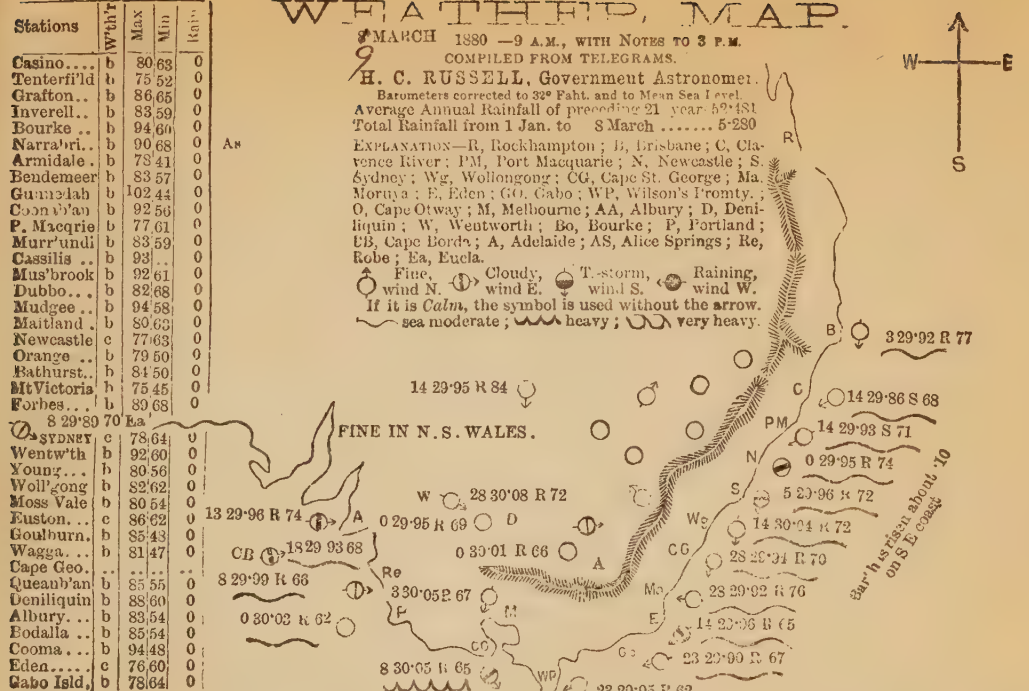
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; UB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	80	63	0
Tenterfi'ld	b	75	52	0
Grafton..	b	86	65	0
Inverell..	b	83	59	0
Bourke ..	b	94	60	0
Narra'ri..	b	90	68	0
Armidale .	b	78	41	0
Bendemeer	b	83	57	0
Gunnedah	b	102	44	0
Coon'b'an	b	92	56	0
P. Macqrie	b	77	61	0
Murr'undi	b	83	59	0
Cassilis ..	b	93	..	0
Mus'brook	b	92	61	0
Dubbo...	b	82	68	0
Mudgee ..	b	94	58	0
Maitland .	b	80	63	0
Newcastle	c	77	63	0
Orange ..	b	79	50	0
Bathurst..	b	84	50	0
MtVictoria	b	75	45	0
Forbes...	b	80	68	0
SYDNEY	c	78	64	0
Wentw'th	b	92	60	0
Young...	b	80	56	0
Woll'gong	b	82	62	0
Moss Vale	b	80	54	0
Euston...	c	86	62	0
Goulburn.	b	85	43	0
Wagga...	b	81	47	0
Cape Geo.	..	..	..	..
Queanb'an	b	85	55	0
Deniliquin	b	88	60	0
Albury...	b	83	54	0
Bodalla ..	b	85	54	0
Cooma...	b	94	48	0
Eden.....	c	76	60	0
Gabo Isld.	b	78	64	0



WEATHER MAP.

10 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 10 March ..... 5·255

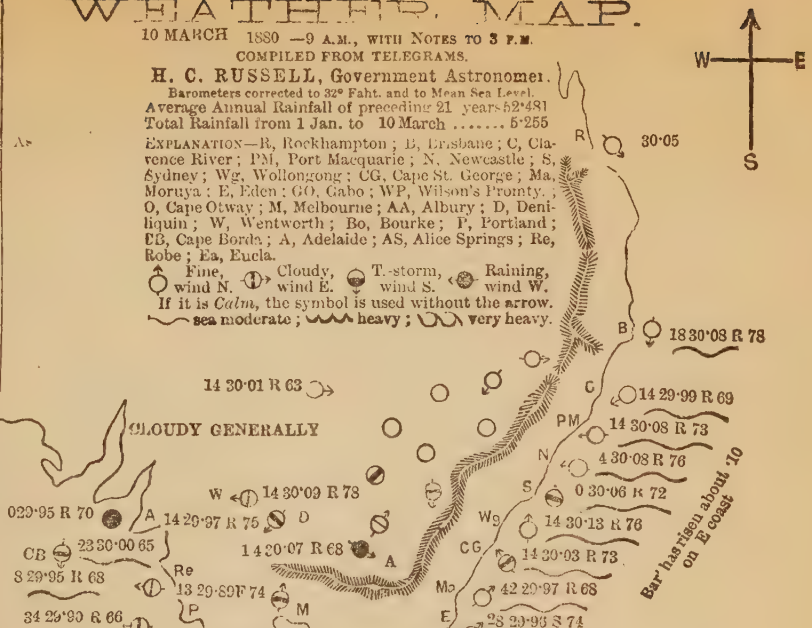
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'Dir	Max	Min	Rain
Casino....	b	83	66	0
Tenterfi'ld	b	78	53	0
Grafton..	b	89	65	0
Inverell..	b	84	60	0
Bourke ..	b	96	68	0
Narrabri..	b	93	71	0
Armidale .	b	75	44	0
Bendemeer	b	89	61	0
Gunnedah	.	..	..	..
Coonab'an	b	92	55	0
P. Macqrie	b	79	64	0
Murr'undi	b	85	52	0
Cassilis ..	b	98	..	0
Mus'brook	b	92	62	0
Dubbo...	b	90	70	0
Mudgee ..	b	100	68	0
Maitland .	b	82	67	0
Newcastle	b	79	66	0
Orange ..	b	82	57	0
Bathurst..	b	87	55	0
MtVictoria	b	77	51	0
Forbes...	b	87	64	0
		Ea		
SYDNEY	c	77	66	0·05
Wentw'th	u	93	68	0
Young...	u	87	66	0
Woll'gong	u	80	67	0
Moss Vale	u	74	61	0·06
Euston...	u	95	71	0
Goulburn.	b	86	57	0
Wagga...	u	90	56	0
Cape Geo.	b	74	..	0
Queanb'an	c	87	62	0
Deniliquin	b	91	69	0
Albury...	r	89	61	0
Bodalla ..	b	78	57	0
Cooma...	c	83	55	0
Eden.....	c	76	65	0
Gabo Isld.	c	74	60	0



WEATHER MAP.

11 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 11 March ..... 5·330

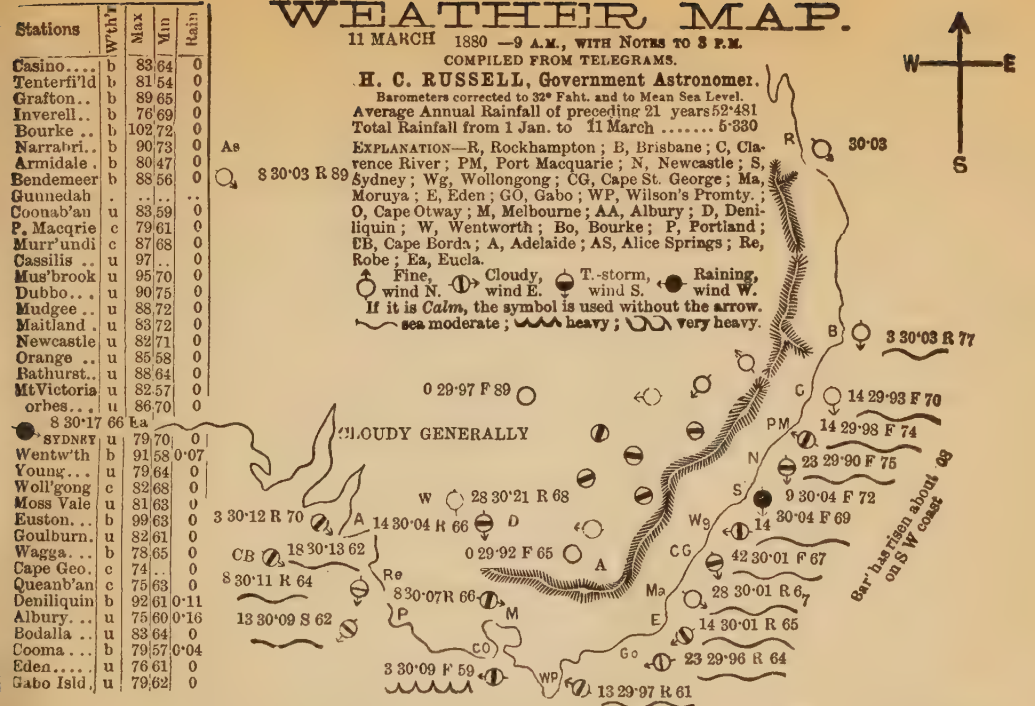
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	83	64	0
Tenterfi'ld	b	81	54	0
Grafton..	b	89	65	0
Inverell..	b	76	69	0
Bourke ..	b	102	72	0
Narrabri..	b	90	73	0
Armidale .	b	80	47	0
Bendemeer	b	88	56	0
Gunnedah	.	..	..	..
Coonab'an	u	83	59	0
P. Macqrie	c	79	61	0
Murr'undi	c	87	68	0
Cassilis ..	u	97	..	0
Mus'brook	u	95	70	0
Dubbo...	u	90	75	0
Mudgee ..	u	88	72	0
Maitland .	u	83	72	0
Newcastle	u	82	71	0
Orange ..	u	85	58	0
Bathurst..	u	88	64	0
MtVictoria	u	82	57	0
orbes...	u	86	70	0
SYDNEY	u	79	70	0
Wentw'th	b	91	58	0·07
Young...	u	79	64	0
Woll'gong	c	82	68	0
Moss Vale	u	81	63	0
Euston...	b	99	63	0
Goulburn.	u	82	61	0
Wagga...	b	78	65	0
Cape Geo.	c	74	..	0
Queanb'an	c	75	63	0
Deniliquin	b	92	61	0·11
Albury...	u	75	60	0·16
Bodalla ..	u	83	64	0
Cooma ...	b	79	57	0·04
Eden.....	u	76	61	0
Gabo Isld.	u	79	62	0



WEATHER MAP.

12 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 12 March ..... 5·487

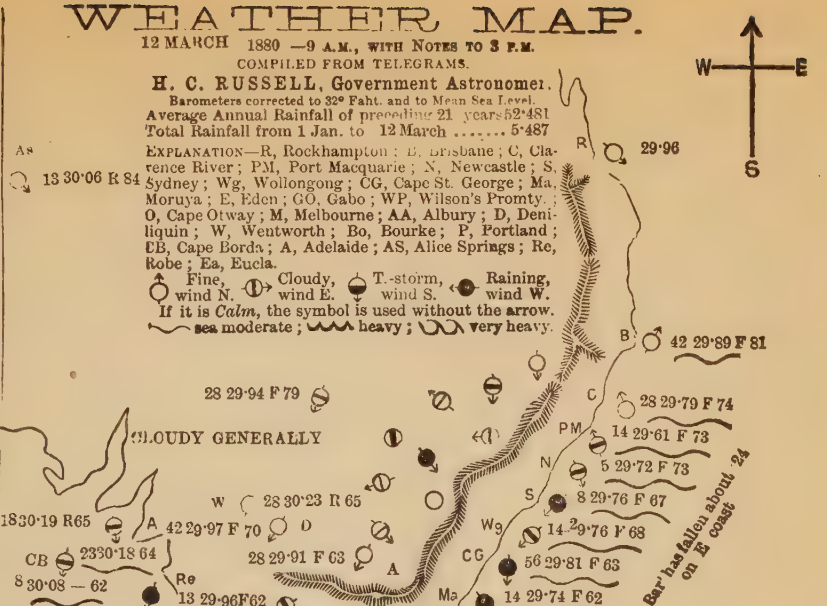
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	89	70	0
Tenterfi'ld	b	85	53	0
Grafton..	b	91	70	0
Inverell..	b	..	..	0
Bourke ..	g	103	75	0
Narrabri..	r	92	75	0
Armidale .	u	85	44	0
Bendemeer	g	90	59	0·10
Gunnedah	.	..	..	..
Coonab'an	u	100	69	0·20
P. Macqrie	b	82	72	0
Murr'undi	o	87	72	0
Cassilis ..	g	95	..	0
Mus'brook	g	94	68	0
Dubbo...	g	92	73	0
Mudgee ..	g	97	71	0
Maitland .	g	84	73	0
Newcastle	g	81	64	0·05
Orange ..	r	84	60	0·12
Bathurst..	g	83	61	0
Mt Victoria	p	77	53	0·14
Forbes...	g	89	65	0
SYDNEY	r	74	66	0
Wentw'th	f	86	52	0
Young...	b	81	67	0
Woll'gong	c	81	60	0·11
Moss Vale	b	70	61	0
Euston...	b	91	53	0
Goulburn.	g	79	61	0·46
Wagga...	b	83	64	0
Cape Geo.	r	70	..	0
Queanb'an	b	82	64	0·39
Deniliquin	b	80	45	0
Albury...	b	84	55	0·68
Bodalla ..	p	73	59	0·17
Cooma...	g	82	51	0
Eden.....	b	73	58	0
Gabo Isld.	b	69	58	0



WEATHER MAP.

13 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 13 March ..... 5·494

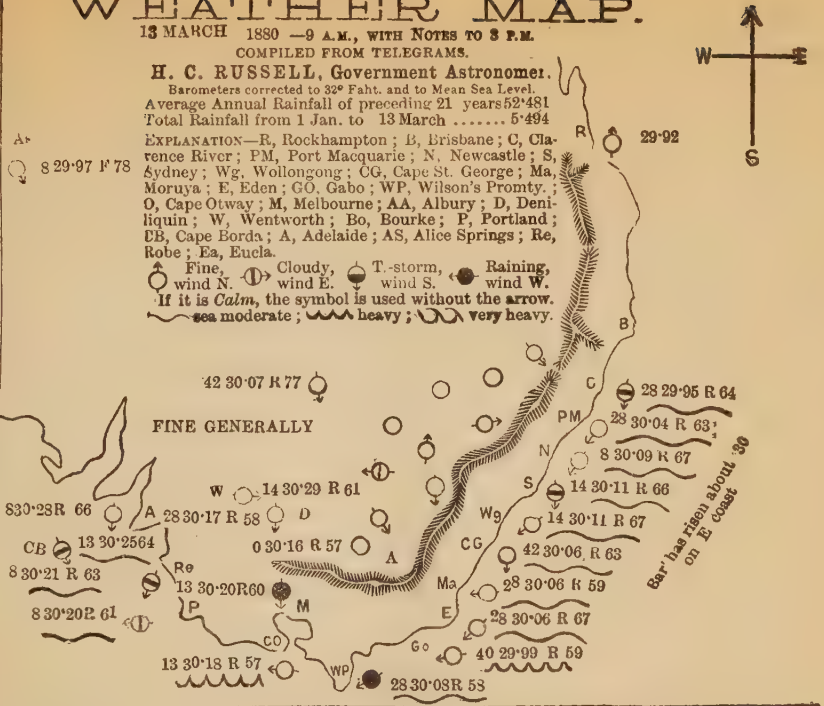
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	93	67	0
Tenterfi'ld	b	84	52	0·46
Grafton..	c	80	40	0·80
Inverell..	b	76	60	0·40
Bourke ..	b	87	59	0
Narrabri..	b	80	65	0
Armidale .	b	78	40	0·67
Bendemeer	b	79	49	0
Gunnedah	.	82	42	..
Coonab'an	b	75	53	0
P. Macqrie	o	78	61	0·85
Murr'undi	b	77	59	0
Cassilis ..	b	82	..	0
Mus'brook	b	87	55	0·08
Dubbo...	b	81	57	0
Mudgee ..	b	82	53	0·02
Maitland .	b	78	60	0·19
Newcastle	b	75	59	0·50
Orange ..	b	76	44	0
Bathurst..	b	74	42	0·03
Mt Victoria	c	69	37	0
Forbes...	b	87	62	0
	Ea			
SYDNEY	b	72	60	0·07
Wentw'th	b	76	49	0
Young...	b	75	50	0
Woll'gong	b	74	57	0
Moss Vale	b	73	50	0
Euston...	b	85	50	0
Goulburn.	b	75	48	0·24
Wagga...	b	81	48	0
Cape Geo.	b	68	..	0·67
Queanb'an	b	80	45	0
Deniliquin	b	74	49	0
Albury...	b	79	43	0
Bodalla ..	o	78	42	0
Cooma...	q	65	39	0
Eden.....	b	72	56	0
Gabo Isld.	b	67	56	0



WEATHER MAP.

15 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 15 March ..... 5·494

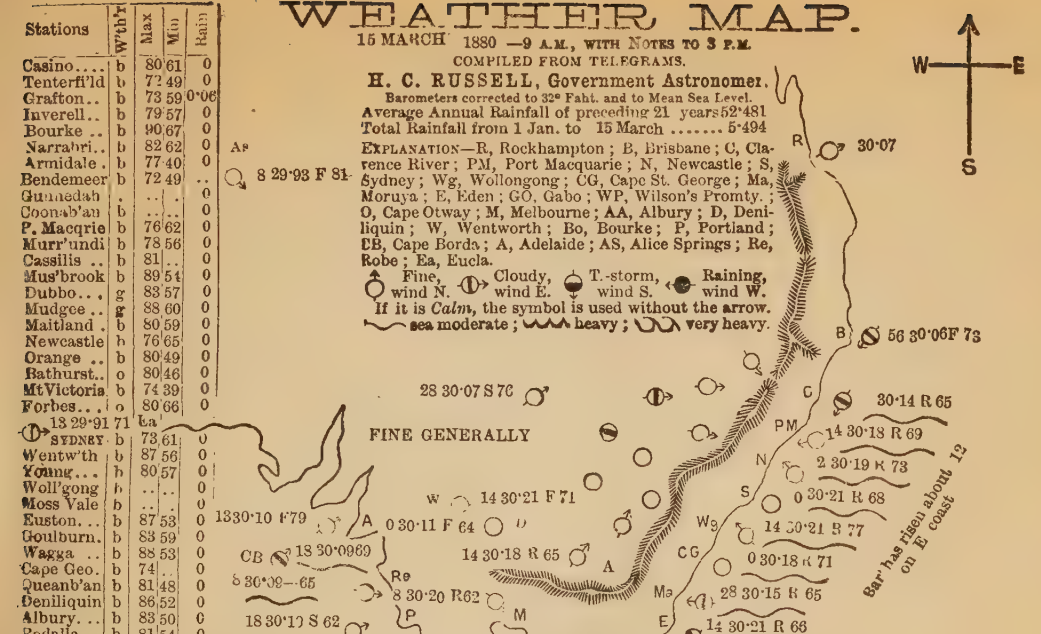
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	80	61	0
Tenterfi'ld	b	72	49	0
Grafton..	b	73	59	0·06
Inverell..	b	79	57	0
Bourke ..	b	90	67	0
Narrabri..	b	82	62	0
Armidale .	b	77	40	0
Bendemeer	b	72	49	..
Gunnedah	.	..	.	0
Coonab'an	b	..	..	0
P. Macqrie	b	76	62	0
Murr'undi	b	78	56	0
Cassilis ..	b	81	..	0
Mus'brook	b	89	54	0
Dubbo...	g	83	57	0
Mudgee ..	g	88	60	0
Maitland .	b	80	59	0
Newcastle	b	76	65	0
Orange ..	b	80	49	0
Bathurst..	o	80	46	0
Mt Victoria	b	74	39	0
Forbes...	o	80	66	0
SYDNEY	b	73	61	0
Wentw'th	b	87	56	0
Young...	b	80	57	0
Woll'gong	b	..	..	0
Moss Vale	b	..	.	0
Euston...	b	87	53	0
Goulburn.	b	83	59	0
Wagga ..	b	88	53	0
Cape Geo.	b	74	.	0
Queanb'an	b	81	48	0
Deniliquin	b	86	52	0
Albury...	b	83	50	0
Bodalla ..	b	81	54	0
Cooma...	b	81	45	0
Eden....	o	73	63	0
Gabo Isld	o	79	63	0



WEATHER MAP.

16 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 16 March ..... 5·548

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	c	81·61		0
Tenterfi'ld	u	71·54		0
Grafton..	u	83·64		0
Inverell..	b	78·56		0
Bourke ..	b	92·66		0
Narrabri..	b	84·65		0
Armidale .	u	76·42		0
Bendemeer	u	79·49		0
Gunnedah	.	..	..	..
Coonab'an	b	86·47		0
P. Macqrie	b	77·63		0
Murr'undi	b	79·59		0
Cassilis ..	b	84·..		0
Mus'brook	b	86·57		0
Dubbo...	b	84·57		0
Mudgee ..	b	93·60		0
Maitland .	b	80·62		0
Newcastle	b	78·68		0
Orange ..	b	89·51		0
Bathurst..	b	80·49		0
MtVictoria	u	74·43		0
Forbes...	b	85·67		0
SYDNEY	u	76·63		0·05
Wentw'th	c	93·68		0
Young...	b	86·61		0
Woll'gong	c	82·64		0
Moss Vale	..	..	..	..
Euston...	u	99·69		0
Goulburn.	b	84·49		0
Wagga ..	b	93·55		0
Cape Geo.	c	76·..		0
Queanb'an	b	85·57		0
Deniliquin	b	91·64		0
Albury...	b	90·53		0
Bodalla ..	b	83·54		0
Cooma...	b	85·47		0
Eden.....	b	76·62		0
Gabo Isld.	b	79·65		0

WEATHER MAP.

17 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 17 March ..... 5·548

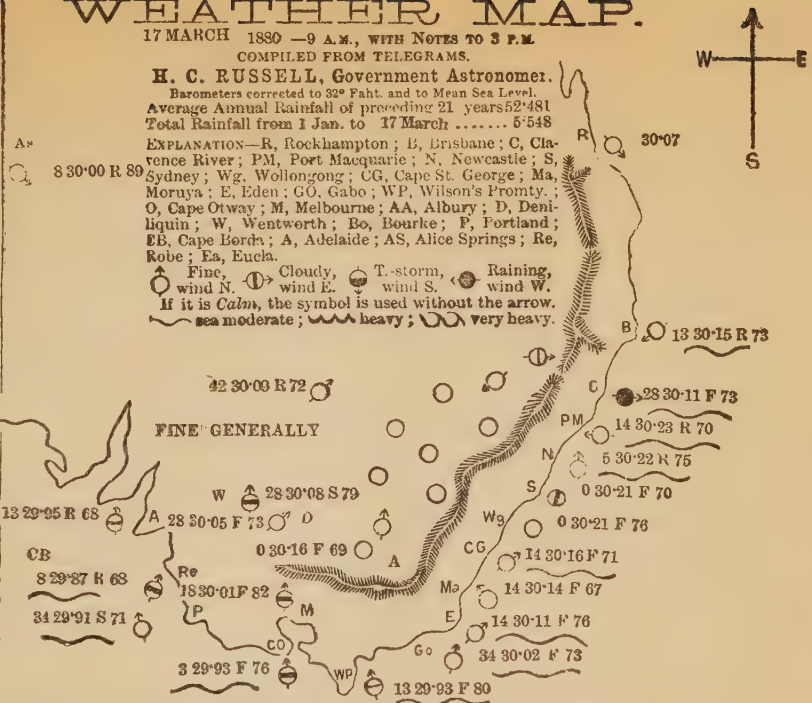
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	With	Max	Min	Rain
Casino....	r	79	66	0·27
Tenterfi'ld	u	68	52	0·10
Grafton..	b	80	65	0
Inverell..	b	78	53	0
Bourke ..	b	92	66	0
Narrabri..	b	83	65	0
Armidale .	b	75	40	0
Bendemeer	b	73	51	0
Gunnedah	.	92	42	0
Coonab'an	b	88	52	0
P. Macqrie	b	78	62	0
Murr'undi	b	79	57	0
Cassilis ..	b	85	..	0
Mus'brook	b	88	57	0
Dubbo...	c	85	67	0
Mudgee ..	b	93	60	0
Maitland .	b	85	61	0
Newcastle	b	77	65	0
Orange ..	b	76	52	0
Bathurst..	b	79	50	0
MtVictoria	b	75	42	0
Forbes...	b	87	66	0
	Ea			
SYDNEY	b	76	65	0
Wentw'th	u	95	68	0
Young...	b	84	63	0
Woll'gong	b	81	61	0
Moss Vale	..	..	..	..
Euston...	b	99	67	0
Goulburn.	b	85	48	0
Wagga...	u	91	62	0
Cape Geo.	b	76	..	0
Queanb'an	b	84	56	0
Deniliquin	b	92	63	0
Albury...	b	91	55	0
Bodalla ..	b	84	58	0
Cooma...	b	86	46	0
Eden.....	b	77	64	0
Gabo Isld.	b	80	61	0



WEATHER MAP.

18 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 18 March ..... 5·548

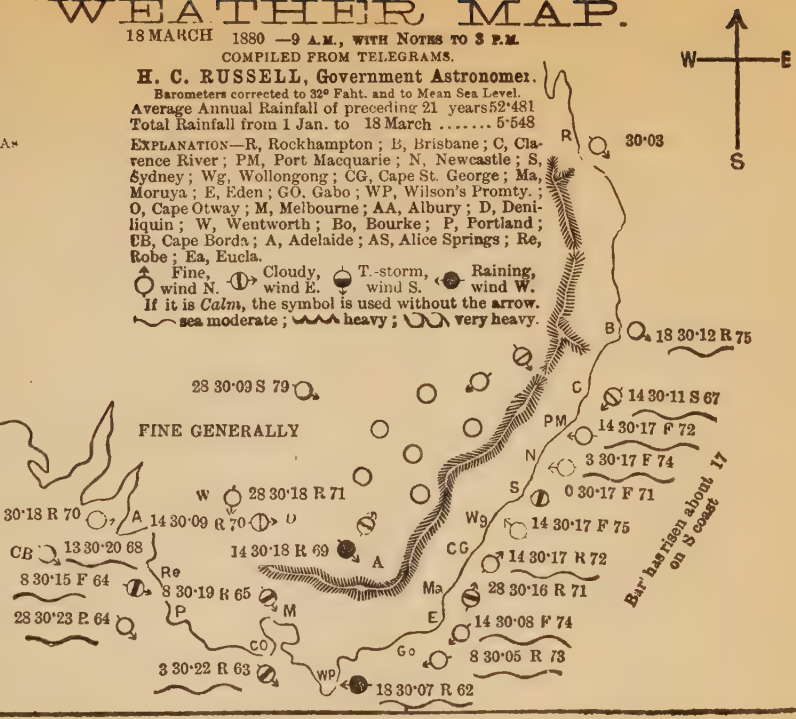
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	p	76	65	0·35
Tenterfi'ld	u	70	43	0
Grafton..	b	83	64	0
Inverell..	b	78	54	0
Bourke ..	b	92	65	0
Narrabri..	b	84	64	0
Armidale .	b	74	43	0
Bendemeer	b	77	51	0
Gunnedah	.	.	..	..
Coonab'an	b	89	50	0
P. Macqrie	b	78	63	0
Murr'undi	b	81	58	0
Cassilis ..	b	87	..	0
Mus'brook	b	89	56	0
Dubbo...	b	86	68	0
Mudgee ..	b	94	61	0
Maitland .	b	83	61	0
Newcastle	h	79	68	0
Orange ..	b	78	52	0
Bathurst..	b	84	52	0
Mt Victoria	b	76	35	0
Forbes...	b	86	67	0
		La		
SYDNEY	u	76	63	0
Wentw'th	b	94	63	0
Young...	h	84	62	0
Woll'gong	b	80	66	0
Moss Vale	..	..	..	..
Euston...	b	96	65	0·30
Goulburn.	b	86	52	0
Wagga...	u	94	64	0
Cape Geo.	b	74	..	0
Queanb'an	.	...	..	..
Deniliquin	u	93	66	0·66
Albury...	r	91	66	0
Bodalla ..	b	84	57	0
Cooma...	u	86	50	0
Eden.....	b	77	64	0
Gabo Isld.	b	81	67	0



WEATHER MAP.

19 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 19 March ..... 5·548

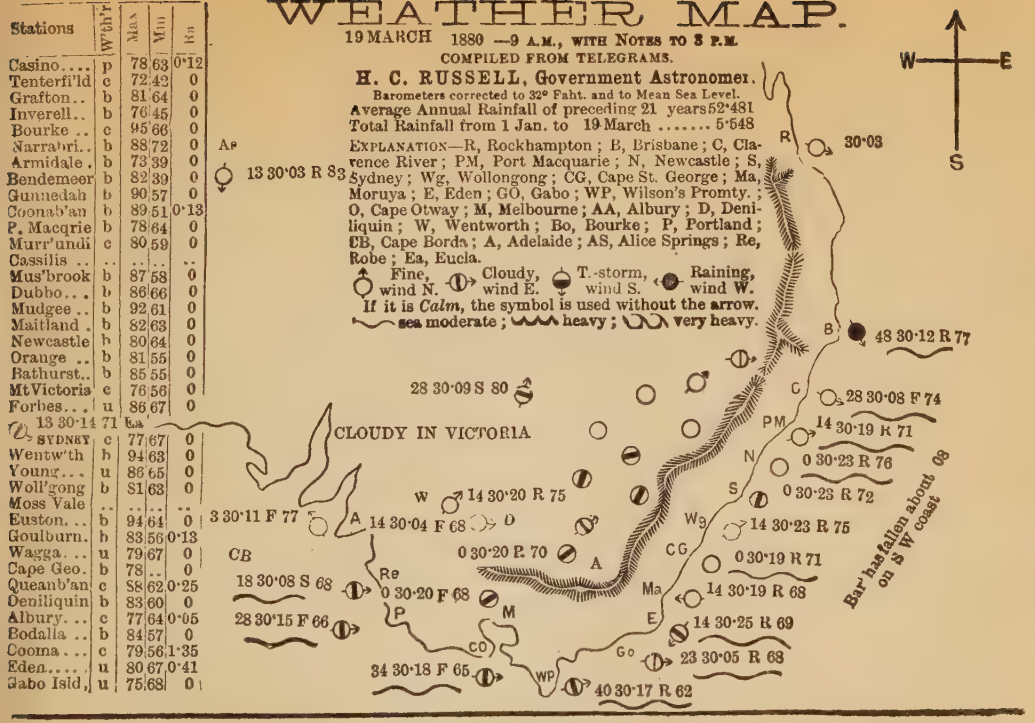
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Wth'r	Max	Min	Ra
Casino....	p	78	63	0·12
Tenterfi'ld	c	72	42	0
Grafton..	b	81	64	0
Inverell..	b	76	45	0
Bourke ..	c	95	66	0
Narrabri..	b	88	72	0
Armidale .	b	73	39	0
Bendemeer	b	82	39	0
Gunnedah	b	90	57	0
Coonab'an	b	89	51	0·13
P. Macqrie	b	78	64	0
Murr'undi	c	80	59	0
Cassilis ..	..	..	..	..
Mus'brook	b	87	58	0
Dubbo...	b	86	66	0
Mudgee ..	b	92	61	0
Maitland .	b	82	63	0
Newcastle	b	80	64	0
Orange ..	b	81	55	0
Bathurst..	b	85	55	0
Mt Victoria	c	76	56	0
Forbes...	u	86	67	0
SYDNEY	c	77	67	0
Wentw'th	b	94	63	0
Young...	u	86	65	0
Woll'gong	b	81	63	0
Moss Vale	..	..	..	..
Euston...	b	94	64	0
Goulburn.	b	83	56	0·13
Wagga...	u	79	67	0
Cape Geo.	b	78	..	0
Queanb'an	c	58	62	0·25
Deniliquin	b	83	60	0
Albury...	c	77	64	0·05
Bodalla ..	b	84	57	0
Cooma...	c	79	56	1·35
Eden.....	u	80	67	0·41
Gabo Isld,	u	75	68	0



WEATHER MAP.

20 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 20 March ..... 5·548

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weather	Max	Min	Rain
Casino....	b	73	60	0·18
Tenterfi'ld	o	72	52	0
Grafton..	o	80	64	0·08
Inverell.	b	79	54	0
Bourke ..	b	99	64	0
Narrabri..	b	92	64	0
Armidale .	b	75	42	0
Bendemeer	b	79	52	0
Gunnedah	b	93	43	0
Coonab'an	o	90	53	0
P. Macqrie	g	77	62	0·23
Murr'undi	b	79	58	0
Cassilis ..	..	86	..	..
Mus'brook	b	86	56	0
Dubbo...	b	86	55	0
Mudgee ..	b	92	61	0
Maitland .	b	82	59	0
Newcastle	h	80	61	0
Orange ..	b	81	50	0
Bathurst..	b	81	49	0
MtVictoria	b	..	..	0
Forbes...	b	88	70	0
		Ea		
SYDNEY	b	76	61	0
Wentw'th	h	97	65	0
Young...	o	79	60	0
Woll'gong	b	80	60	0
Moss Vale	..	..	..	..
Euston...	b	98	66	0
Goulburn.	h	80	49	0
Wagga...	o	87	64	0
Cape Geo.	b	69	..	0
Queanb'an	o	80	55	0
Deniliquin	c	88	62	0
Albury...	b	82	57	0·03
Bodalla ..	b	84	58	0
Cooma...	c	79	59	0·75
Eden....	g	73	63	0·38
Gabo Isld.	o	74	64	0·03

WEATHER MAP.

22 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 22 March ..... 5·548

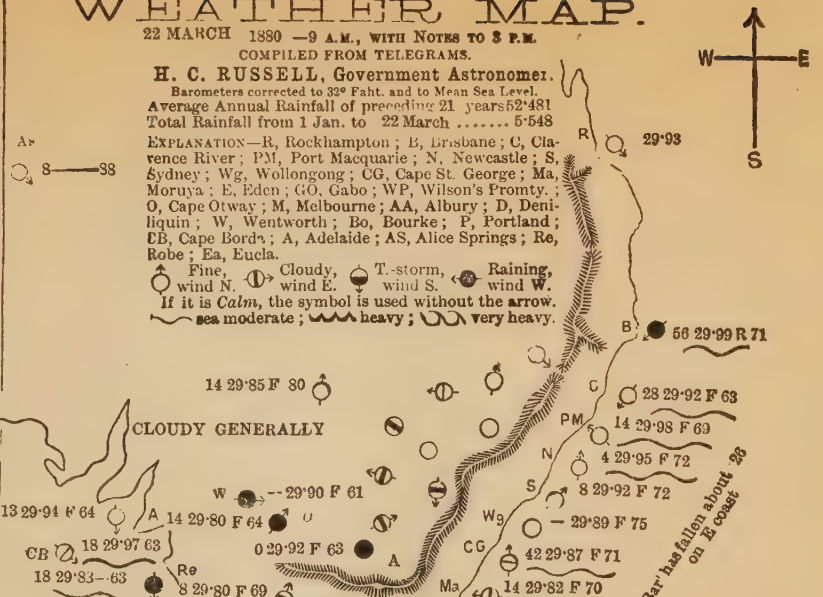
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weather	Max	Min	Rain
Casino....	b	73	65	0
Tenterfi'ld	b	69	48	0
Grafton..	b	76	58	0·07
Inverell..	b	78	55	0
Bourke ..	b	94	67	0
Narrabri..	u	87	69	0
Armidale .	b	78	50	0
Bendemeer	b	82	54	0
Gunnedah	b	96	42	0
Coonab'an	b	87	49	0
P. Macqrie	b	77	60	0
Murr'undi	b	80	59	0
Cassilis ..	b	89	..	0
Mus'brook	b	91	57	0
Dubbo...	c	85	63	0
Mudgee ..	b	95	55	0
Maitland .	b	82	61	0
Newcastle	b	81	65	0
Orange ..	c	81	51	0
Bathurst..	b	84	49	0
Mt Victoria	..	..	..	..
Forbes...	u	84	65	0
13 30·01 69 Ea				
SYDNEY	b	78	65	0
Wentw'th	r	76	57	0·45
Young...	u	80	59	0
Woll'gong	b	81	62	0
Moss Vale	..	..	..	..
Euston...	r	78	59	0·26
Goulburn.	b	82	57	0·01
Wagga...	c	90	62	0·01
Cape Geo.	b	76	..	0
Queanb'an	c	83	56	0
Deniliquin	r	88	61	0
Albury...	r	86	57	0·26
Bodalla ..	b	85	60	0
Cooma...	c	78	51	0
Eden....	..	..	..	..
Gabo Isld.	b	78	67	0·18



WEATHER MAP.

23 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 23 March ..... 5·548

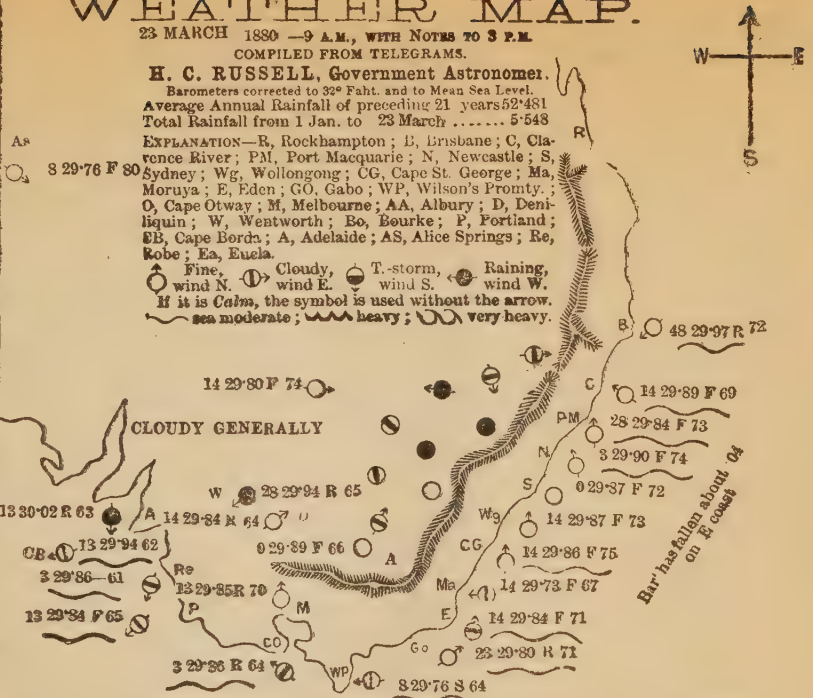
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Rebe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	77	70	0
Tenterfi'ld	c	72	40	0
Grafton..	b	85	65	0
Inverell..	u	81	52	0
Bourke ..	b	86	70	0·25
Narrabri..	r	86	71	0
Armidale .	u	70	42	0
Bendemeer	b	83	51	0
Gunnedah	..	..	..	.
Coonab'an	r	85	56	1·54
P. Macqrie	b	77	67	0
Murr'undi	u	79	64	0
Cassilis ..	u	91	..	0
Mus'brook	u	95	62	0
Dubbo...	u	85	62	0·13
Mudgee ..	r	88	60	0·45
Maitland .	c	83	64	0
Newcastle	b	79	64	0
Orange ..	r	77	55	0·42
Bathurst..	r	76	59	0·14
MtVictoria	u	80	.	0
Forbes...	u	84	59	0·15
SYDNEY	b	77	65	0
Wentw'th	p	73	58	0·12
Young...	u	81	61	0·93
Woll'gong	b	82	61	0
Moss Vale	..	..	..	..
Euston...	u	71	58	0·25
Goulburn.	u	82	57	0·42
Wagga...	b	73	58	0·13
Cape Geo.	b	76	..	0
Queanb'an	b	81	61	0
Deniliquin	b	72	56	0·02
Albury...	b	74	55	0
Bodalla ..	c	88	58	0
Cooma...	c	74	55	0·09
Eden.....	b	70	65	0
Gabo Isld.	b	76	66	0



WEATHER MAP.

24 MARCH 1880—9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

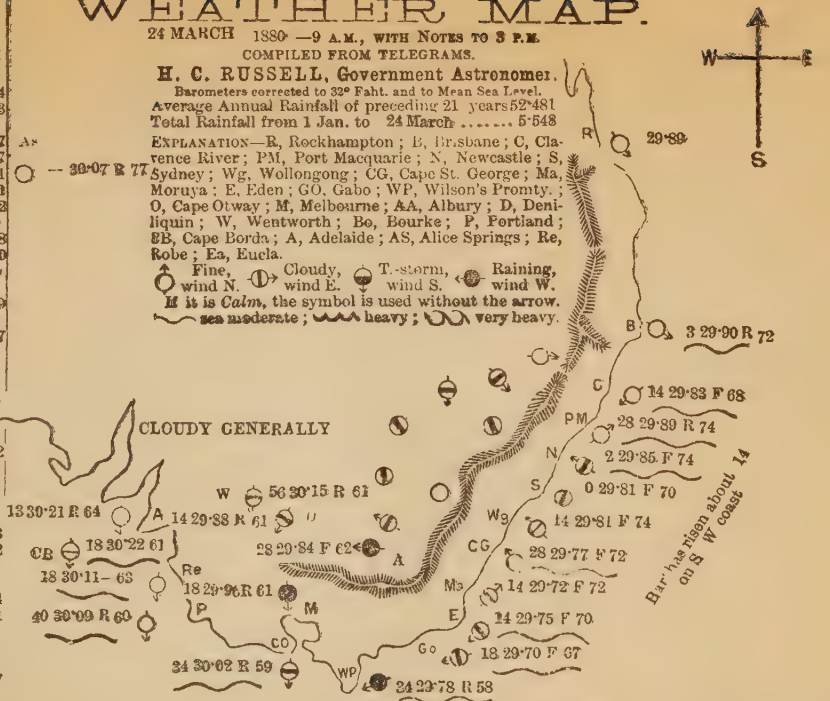
H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 24 March ..... 5·548

Stations	W'thr	Max	Min	Rain
Casino....	b	85	53	0
Tenterfi'ld	b	73	45	0
Grafton..	b	85	63	0·04
Inverell..	u	78	60	0·63
Bourke ..	..	..	..	.
Narrabri..	b	74	61	0·57
Armidale .	b	71	41	0·47
Bendemeer	u	76	48	0·71
Gunnedah	c	91	45	0·21
Coonab'an	c	73	51	0·32
P. Macqrie	b	78	68	0
Murr'undi	u	71	61	0·18
Cassilis ..	u	81	..	0·30
Mus'brook	u	81	60	0
Dubbo...	..	..	.	..
Mudgee ..	u	76	56	0·09
Maitland .	u	83	69	0
Newcastle	u	83	66	0·07
Orange ..	u	71	60	0
Bathurst..	..	..	..	..
MtVictoria	u	75	40	0
Forbes...	u	82	59	0
SYDNEY	b	77	66	0
Wentw'th	c	75	55	0·02
Young...	c	79	61	0
Woll'gong	c	82	64	0
Moss Vale	..	..	..	..
Euston...	b	75	58	0
Goulburn.	b	65	60	0·73
Wagga...	u	82	62	0·02
Cape Geo.	b	73	..	0
Queanb'an	b	79	54	0
Deniliquin	u	81	55	0·04
Albury...	r	82	61	0·41
Bodalla ..	b	87	60	0
Cooma...	c	72	51	0
Eden.....	u	77	66	0
Gabo Isld.	u	77	65	0·07



WEATHER MAP.

25 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 25 March ..... 6·005

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; EB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weath.	Max	Min	Rain
Casino....	b	93	67	0
Tenterfi'ld	b	75	45	0
Grafton..	b	88	62	0·74
Inverell..	b	78	56	0·19
Bourke ..	..	..	..	.
Narrabri..	b	75	59	0·04
Armidale .	b	72	39	0·12
Bendemeer	u	72	43	0·17
Gunnedah	..	..	..	..
Coonab'an	.	..	..	.
P. Macqrie	b	77	62	0·07
Murr'undi	u	71	57	0·80
Cassilis ..	.	..	..	.
Mus'brook	u	86	57	0·37
Dubbo...	p	74	56	0·38
Mudgee ..	..	..	..	..
Maitland .	b	82	62	0·30
Newcastle	b	84	59	0·49
Orange ..	r	71	46	0·95
Bathurst..	r	71	50	1·10
MtVictoria	r	70	47	1·12
Forbes...	r	76	57	0·63
	Ea			
SYDNEY	u	74	60	0·46
Wentw'th	b	69	45	0
Young...	r	69	54	1·33
Woll'gong	p	79	62	0·78
Moss Vale	..	..	..	..
Euston...	b	77	48	0
Goulburn.	r	73	49	1·34
Wagga...	u	67	52	0·34
Cape Geo.	r	67	..	1·64
Queanb'an	c	71	53	0·70
Deniliquin	b	70	47	0
Albury...	b	67	50	0·25
Bodalla ..	..	..	..	..
Cooma...	u	67	47	0·45
Eden.....	r	70	59	0·74
Gabo Isld.	p	68	59	2·23

WEATHER MAP.

27 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 27 March ..... 8·320

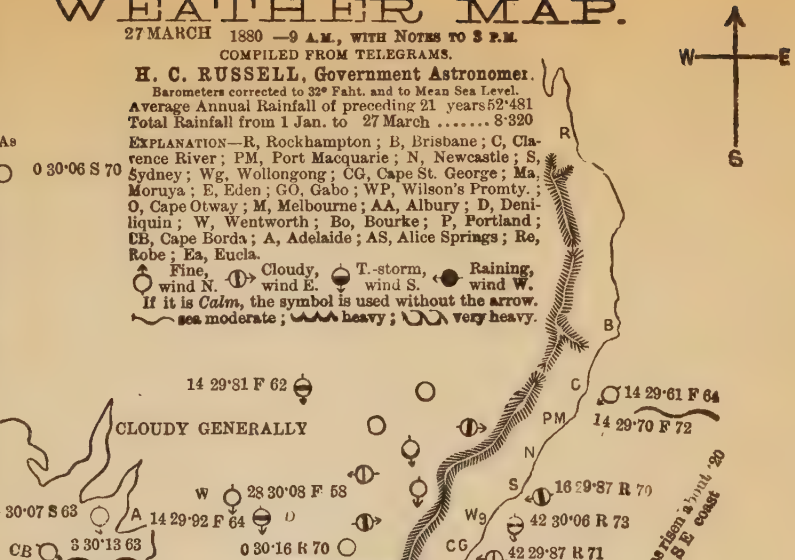
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	..	..	..	..
Tenterfi'ld	..	..	..	..
Grafton..	b	83	61	0
Inverell..	..	..	..	.
Bourke ..	c	80	56	0
Narrabri..	b	72	63	0
Armidale .	u	70	40	0
Bendemeer	b	60	41	0·50
Gunnedah	..	..	.	..
Coonab'an	c	77	57	0
P. Macqrie	p	73	64	0·09
Murr'undi	u	64	53	0·35
Cassilis ..	r	74	..	0·25
Mus'brook	u	75	65	0·28
Dubbo... .	u	79	57	0·11
Mudgee ..	u	81	54	0·25
Maitland .	..	..	..	..
Newcastle	p	82	52	0·10
Orange ..	c	63	48	0·09
Bathurst..	b	66	51	0·11
MtVictoria	..	.	.	..
Forbes... .	c	78	56	0
		Ea		
SYDNEY	u	72	61	2·32
Wentw'th	b	66	45	0
Young...	u	80	53	0·23
Woll'gong	c	76	61	0·54
Moss Vale	c	63	54	0·48
Euston...	b	80	50	0
Goulburn.	..	..	..	..
Wagga...	b	82	49	0
Cape Geo.	c	72	..	1·14
Queanb'an	c	84	55	0·40
Deniliquin	c	73	48	0
Albury...	b	76	45	0
Bodalla ..	..	..	..	..
Cooma...	c	70	50	1·05
Eden.....	u	66	61	1·19
Gabo Isld.	u	64	59	1·73



WEATHER MAP.

29 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 29 March ..... 9·781

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	..	..	..	..
Tenterfi'ld	b	72	45	..
Grafton..	b	83	62	0·08
Inverell..	b	76	56	1·05
Bourke ..	.	..	..	..
Narrabri..	b	..	..	..
Armidale .	b	..	..	..
Bendemeer	b	74	41	0·62
Gunnedah	..	..	.	..
Coonab'an	o	77	59	0·15
P. Macqrie	b	76	65	0·82
Murr'undi	o	69	60	1·04
Cassilis ..	b	68	60	0·20
Mus'brook	o	78	60	0·10
Dubbo...	b	79	57	0·21
Mudgee ..	o	78	58	0·02
Maitland .	b	74	65	1·45
Newcastle	r	74	65	1·25
Orange ...	g	70	54	0
Bathurst..	g	69	50	0
Mt Victoria	..	.	.	0
Forbes...	b	83	61	0
	Ea			
SYDNEY	d	74	63	1·46
Wentw'th	b	91	55	0
Young...	b	74	57	0
Woll'gong	b	78	65	1·33
Moss Vale	o	63	58	0
Euston...	b	..	..	..
Goulburn.	..	..	..	..
Wagga...	b	..	..	..
Cape Geo.	r	75	..	0·84
Queanb'an	o	71	54	0
Deniliquin	b	.	..	..
Albury...	b	85	52	0
Bodalla ..	..	..	..	..
Cooma...	o	67	53	0·26
Eden.....	o	74	60	0
Gabo Isld.	b	84	65	0

WEATHER MAP.

30 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 30 March .....10·896

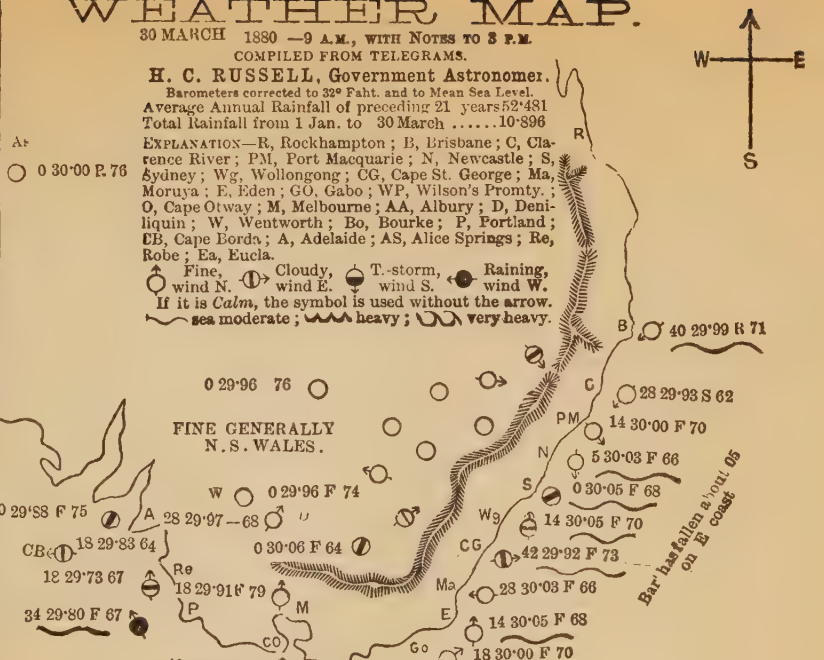
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino.....	..	..	..	..
Tenterfi'ld	u	68	49	0·58
Grafton..	b	84	64	0·40
Inverell..	b	75	54	0·09
Bourke ..	b	90	61	0
Narrabri..	b	80	60	0
Armidale .	u	70	41	0·12
Bendemeer	u	74	40	0
Gunnedah	..	..		..
Coonab'an	b	82	56	0·14
P. Macqrie	b	76	63	0·63
Murr'undi	c	72	60	0
Cassilis ..	u	77	..	0·50
Mus'brook	u	82	62	0·06
Dubbo...	b	80	60	0
Mudgee ..	b	82	57	0·07
Maitland .	u	77	65	0·25
Newcastle	u	78	65	0·44
Orange ..	b	75	54	0
Bathurst..	b	73	52	0
MtVictoria	u	69	43	0·12
Forbes...	b	86	57	0
18 29·98 69 Ea				
SYDNEY	u	75	65	1·02
Wentw'th	b	92	60	0
Young...	b	78	59	0
Woll'gong	c	81	64	0
Moss Vale	c	69	50	0·57
Euston...	..	..	..	..
Goulburn.	b	73	55	0
Wagga...	b	80	60	0
Cape Geo.	c	74	..	0·75
Queanb'an	b	73	59	0·10
Deniliquin	b	85	62	0
Albury...	c	87	54	0
Bodalla ..	..	..	..	0
Cooma...	u	74	52	0
Eden.....	b	74	62	0
Gabo Isld.	b	76	65	0



WEATHER MAP.

31 MARCH 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 31 March .....10·974

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	90	63	0·41
Tenterfi'ld	b	72	48	0
Grafton..	b	82	64	0·10
Inverell..	b	77	54	0
Bourke ..	b	93	65	0
Narrabri..	b	82	62	0
Armidale .	b	69	39	0
Bendemeer	b	76	39	0·34
Gunnedah	..	..	..	..
Coonab'an	b	93	49	0
P. Macqrie	b	77	63	0
Murr'undi	b	74	59	0
Cassilis ..	f	80	..	0
Mus'brook	b	82	63	0
Dubbo.. .	b	80	61	0
Mudgee ..	u	76	58	0
Maitland .	u	78	66	0
Newcastle	c	75	67	0
Orange ..	b	75	51	0
Bathurst..	b	80	54	0
MtVictoria	b	71	42	0
Forbes.. .	b	87	59	0
SYDNEY	b	75	64	0·08
Wentw'th	b	95	53	0
Young...	r	80	60	0
Woll'gong	b	81	65	0·04
Moss Vale	b	69	58	0
Euston...	b	95	52	0
Goulburn.	b	79	52	0
Wagga...	r	87	63	0·02
Cape Geo.	b	77	..	0·30
Queanb'an	b	79	56	0
Deniliquin	b	87	51	0·23
Albury...	r	86	55	0·30
Bodalla ..	b	84	55	0
Cooma...	c	76	53	0
Eden.....	b	75	61	0
Gabo Isld.	c	75	66	0

WEATHER MAP.

1 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 1 April ..... 10·972

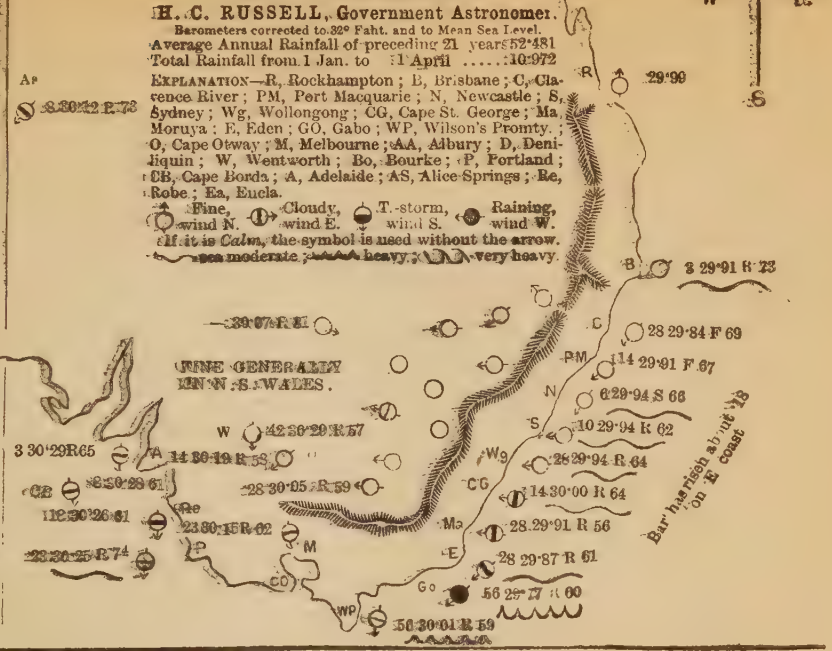
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Be, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weather	Max	Min	Rain
Cairns	b	94	65	0
Tenterfield	b	75	40	0
Grafton	b	88	63	0
Inverell	b	74	56	0
Bourke	b	97	54	0
Narrabri	b	82	64	0
Armidale	b	71	40	0
Bendemeer	b	79	51	0
Gunnedah	..	..	..	..
Coonab'an	b	83	46	0
P. Macqrie	c	78	46	0
Murr'undi	b	77	57	0
Cassilis	..	..	..	..
Mus'brook	b	88	54	0
Dubbo	b	84	54	0
Mudgee	b	85	50	0
Maitland	b	82	61	0
Newcastle	b	85	58	0
Orange	b	71	43	0
Bathurst	b	77	44	0
MtVictoria	b	71	42	0
Forbes	b	84	62	0
SYDNEY	b	82	59	0·10
Wentw'th	b	75	47	0
Young	c	72	50	0
Woll'gong	b	95	56	0
Moss Vale	b	73	45	0
Euston	b	78	51	0
Goulburn	b	75	44	0
Wagga	u	75	48	0·06
Cape Geo.	b	64	..	0
Queanb'an	b	69	39	0
Deniliquin	b	71	47	0
Albury	b	71	44	0·05
Bodalla	u	85	46	0
Cooma	b	67	39	0
Eden	u	75	58	0
Gabo Isld.	p	75	55	0·01



WEATHER MAP.

2 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 2 April ..... 12·205

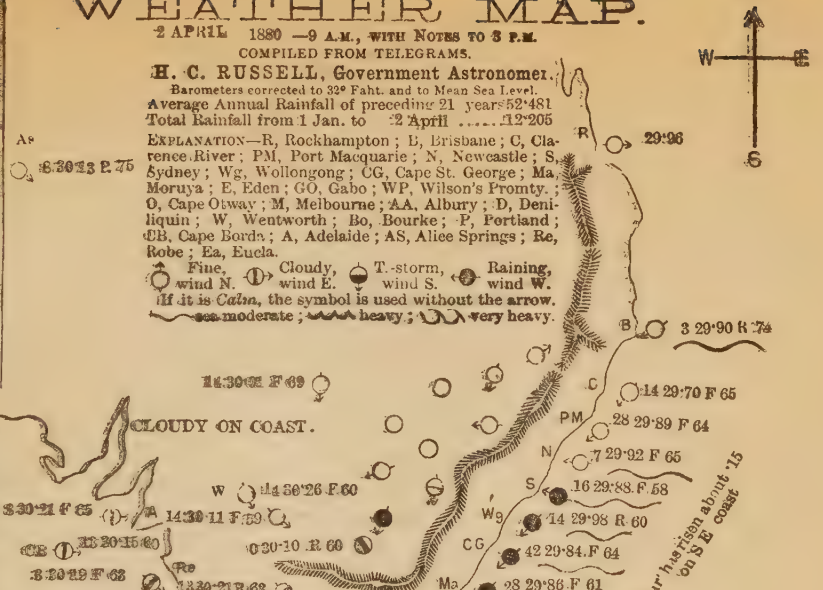
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Cairns		..	..	..
Townsville	o	76	38	0
Grafton	b	84	59	0
Inverell	b	75	46	0
Bourke	b	81	51	0
Narrabri	b	88	55	0
Armidale	b	69	37	0
Bendemeer	b	73	50	0
Gunnedah	..	..	.	..
Coonab'an	b	74	47	0
P. Macqrie	c	74	59	0
Murr'undi	b	72	54	0
Cassilis	c	84	..	0
Mus'brook	b	78	54	0
Dubbo	b	72	53	0
Mudgee	b	82	51	0
Maitland	b	74	58	0·03
Newcastle	b	79	56	0·05
Orange	u	60	47	0
Bathurst	b	64	50	0
Mt Victoria	r	63	35	0·30
Forbes	b	78	57	0
SYDNEY	p	69	57	1·23
Wentw'th	b	73	45	0
Young	b	66	52	0
Woll'gong	r	73	66	0·65
Moss Vale	r	63	50	0·50
Euston	b	85	50	0
Goulburn	p	64	50	0·17
Wagga	b	75	50	0
Cape Geo.	p	63	.	0·12
Queanb'an	c	65	52	0·13
Deniliquin	b	70	48	0
Albury	c	73	48	0
Bodalla	r	69	53	0·77
Cooma	r	64	39	0·00
Eden	r	65	53	0·74
Gabo Isld	u	68	56	0·63



WEATHER MAP.

3 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 3 April .....12·513

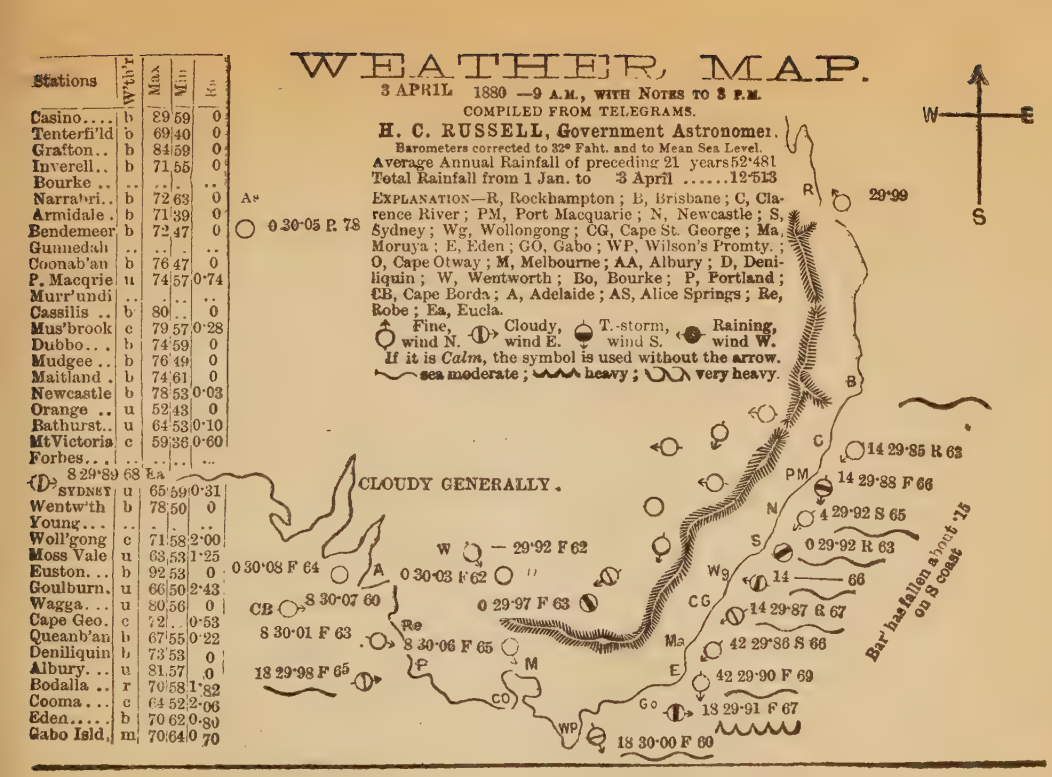
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weather	Max	Min	Rain
Casino....	b	89	59	0
Tenterfi'ld	b	69	40	0
Grafton..	b	84	59	0
Inverell..	b	71	55	0
Bourke ..	..	..	.	..
Narrabri..	b	72	63	0
Armidale .	b	71	39	0
Bendemeer	b	72	47	0
Gunnedah	..	..	.	..
Coonab'an	b	76	47	0
P. Macqrie	u	74	57	0·74
Murr'undi	..	.	..	..
Cassilis ..	b	80	..	0
Mus'brook	c	79	57	0·28
Dubbo...	b	74	59	0
Mudgee ..	b	76	49	0
Maitland .	b	74	61	0
Newcastle	b	78	53	0·03
Orange ..	u	52	43	0
Bathurst..	u	64	53	0·10
MtVictoria	c	59	36	0·60
Forbes...	..	..	..	..
SYDNEY	u	65	59	0·31
Wentw'th	b	78	50	0
Young...	..	.	.	..
Woll'gong	c	71	58	2·00
Moss Vale	u	63	53	1·25
Euston...	b	92	53	0
Goulburn.	u	66	50	2·43
Wagga...	u	80	56	0
Cape Geo.	c	72	..	0·53
Queanb'an	b	67	55	0·22
Deniliquin	b	73	53	0
Albury...	u	81	57	0
Bodalla ..	r	70	58	1·82
Cooma...	c	64	52	2·06
Eden.....	b	70	62	0·80
Gabo Isld.	m	70	64	0·70



WEATHER MAP.

5 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 5 April .....12·538

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Ra
Casino....	b	90	63	0
Tenterfi'ld	b	77	44	0
Grafton..	b	88	61	0
Inverell..	b	77	53	0
Bourke ..	u	95	66	..
Narrabri..	b	84	65	0
Armidale .	u	72	41	0
Bendemeer	b	80	52	0
Gunnedah	..	..	.	..
Coonab'an	b	84	49	0
P. Macqrie	b	77	63	0
Murr'undi	..	72	60	0
Cassilis ..	b	83	..	0
Mus'brook	b	88	58	0
Dubbo...	b	83	61	0
Mudgee ..	b	86	55	0
Maitland .	b	78	60	0·06
Newcastle	b	76	63	0·07
Orange ..	b	74	51	0
Bathurst..	b	75	52	0·15
MtVictoria	c	71	40	0·06
Forbes...	b	84	68	0
SYDNEY	u	75	64	0·33
Wentw'th	u	85	59	0
Young...	c	80	57	0
Woll'gong	c	80	63	0
Moss Vale	c	71	57	0
Euston...	b	94	52	0
Goulburn.	u	76	55	0·13
Wagga...	u	91	56	0
Cape Geo.	b	76	.	0
Queanb'an	c	77	53	0·02
Deniliquin	b	82	50	0
Albury...	c	83	55	0
Bodalla ..	b	84	55	0
Cooma...	c	81	48	0
Eden.....	c	74	62	0
Gabo Isld.	u	76	62	0

WEATHER MAP.

6 APRIL, 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 6 April ..... 12·661

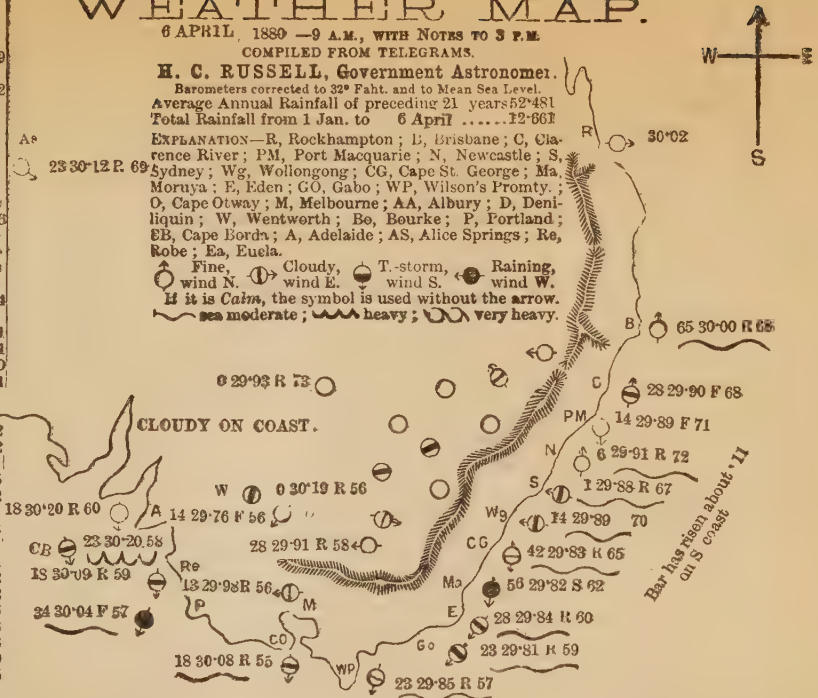
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; SB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	c	82	62	0·49
Tenterfi'ld	b	78	56	0
Grafton..	b	89	66	0·12
Inverell..	u	78	54	0
Bourke ..	b	85	59	0
Narrabri..	b	84	64	0
Armidale .	b	73	43	0
Bendemeer	b	77	38	0
Gunnedah	..	..	..	..
Coonab'an	b	85	46	0
P. Macqrie	b	81	67	0·06
Murr'undi	b	77	63	0
Cassilis ..	b	86	..	0
Mus'brook	b	88	65	0
Dubbo...	b	82	61	0
Mudgee ..	b	86	54	0·04
Maitland .	b	83	66	0
Newcastle	b	87	63	0·01
Orange ..	b	74	51	0·21
Bathurst..	u	78	55	0·20
MtVictoria	b	73	39	0·21
Forbes...	b	83	65	0
SYDNEY	u	84	64	0·12
Wentw'th	u	83	47	0·02
Young...	u	81	61	0
Woll'gong	c	89	64	0 05
Moss Vale	b	76	57	0·22
Euston...	b	91	55	0
Goulburn.	b	78	55	0·03
Wagga...	u	87	61	0
Cape Geo.	c	68	..	0·11
Queanb'an	b	78	58	0·12
Deniliquin	b	81	53	0·02
Albury...	b	80	55	0·16
Bodalla ..	r	87	59	0·08
Cooma...	c	77	52	0·03
Eden.....	c	74	58	0·19
Gabo Isld.	u	74	58	0·35



WEATHER MAP.

7 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 7 April .....12·814

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	78	65	0
Tenterfi'ld	b	74	44	0·03
Grafton..	u	87	63	0
Inverell..	b	79	58	0·08
Bourke ..	b	89	51	0
Narrabri..	b	86	64	0·03
Armidale .	b	75	44	0·26
Bendemeer	b	80	51	0
Gunnedah	..	..	.	..
Coonab'an	b	86	49	0
P. Macqrie	u	77	65	0
Murr'undi	u	73	61	0·08
Cassilis ..	b	83	..	0
Mus'brook	r	88	56	0
Dubbo...	b	76	54	0
Mudgee ..	b	82	52	0
Maitland .	r	81	60	0·85
Newcastle	u	83	56	0·64
Orange ..	b	70	38	0·02
Bathurst..	b	72	40	0·06
MtVictoria	b	73	28	0
Forbes...	b	80	55	0
SYDNEY	b	75	57	0·15
Wentw'th	b	70	42	0
Young...	b	72	46	0·10
Woll'gong	b	76	54	0 50
Moss Vale	u	69	46	0·26
Euston...	b	76	41	0
Goulburn.	b	73	41	0·11
Wagga...	b	77	44	0
Cape Geo.	p	56	.	1·06
Queanb'an	c	68	48	0·40
Deniliquin	b	81	45	0
Albury...	b	70	39	0
Bodalla ..	q	64	54	0·67
Cooma ...	c	63	42	0·09
Eden....	p	66	55	0·10
Gabo Isld	u	67	57	0

WEATHER MAP.

8 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 8 April .....12·854

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Wth'r	Max	Min	Rain
Casino....	c	92	68	0·92
Tenterfi'ld	u	77	51	0·10
Grafton..	u	88	61	0
Inverell..	b	78	57	0
Bourke ..	b	80	49	0
Narrabri..	b	82	61	0
Armidale .	b	70	39	0·15
Bendemeer	b	77	38	0
Gunnedah	..	..	.	..
Coonab'an	b	75	35	0
P. Macqrie	b	76	56	0·06
Murr'undi	b	68	49	0
Cassilis ..	b	87	..	0
Mus'brook	b	73	48	0
Dubbo...	b	73	51	0
Mudgee ..	b	84	47	0
Maitland .	u	70	52	0·05
Newcastle	b	75	55	0·01
Orange ..	b	61	39	0
Bathurst..	b	65	39	0
MtVictoria	b	58	31	0
Forbes...	b	81	39	0
SYDNEY	u	66	58	0·04
Wentw'th	b	73	45	0
Young...	b	69	46	0
Woll'gong	b	66	53	0 40
Moss Vale	u	53	46	0
Euston...	b	77	46	0
Goulburn.	b	63	38	0·03
Wagga...	b	78	45	0
Cape Geo.	b	62	.	2·01
Queanb'an	b	65	62	0
Deniliquin	b	72	46	0
Albury...	b	71	42	0
Bodalla ..	b	68	47	0
Cooma ...	b	59	36	0
Eden.....	b	66	54	0·03
Gabo Isld	b	66	45	0

WEATHER MAP.

9 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

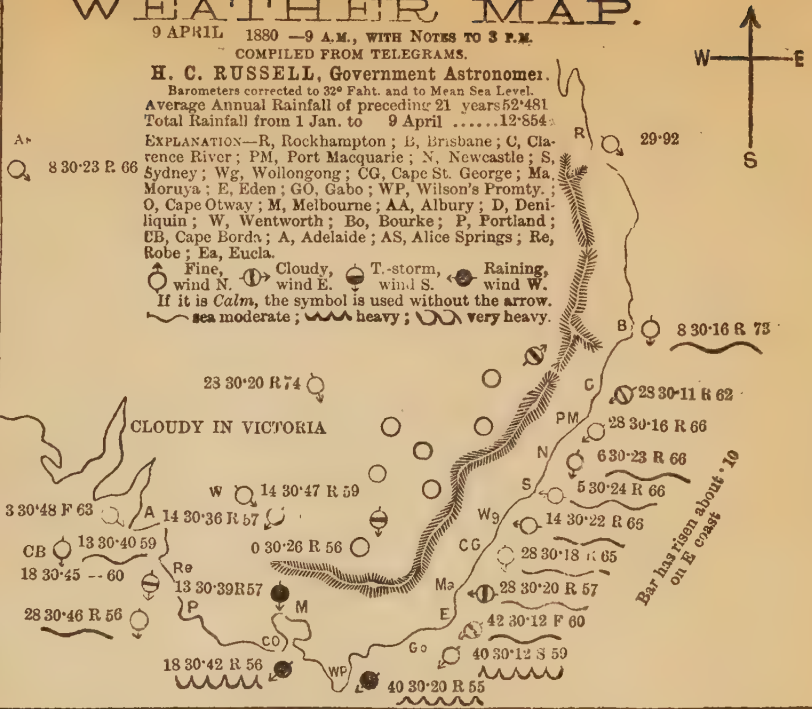
Total Rainfall from 1 Jan. to 9 April .....12·854

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	Weath'r	Max	Min	Rain
Casino....	b	80	64	0·02
Tenterfi'ld	u	71	51	0
Grafton..	b	80	60	0·82
Inverell..	b	78	50	0
Bourke ..	b	84	51	0
Narrabri..	b	73	59	0
Armidale .	b	70	40	0
Bend'meer	b	74	39	0
Gunnedah	..	..	..	..
Coonab'an	b	76	37	0
P. Macqrie	b	73	57	0
Murr'undi	b	68	50	0
Cassilis ..	b	84	..	0
Mus'brook	b	76	48	0
Dubbo...	b	73	51	0
Mudgee ..	b	83	47	0
Maitland .	b	71	54	0
Newcastle	b	73	57	0
Orange ...	b	64	39	0
Bathurst..	b	70	38	0
Mt Victoria	b	62	38	0
Forbes...	b	82	64	0
SYDNEY	b	68	55	0
Wentw'th	b	76	51	0
Young...	b	72	46	0
Woll'gong	b	71	57	0
Moss Vale	b	70	63	0
Euston...	b	78	49	0
Goulburn.	b	68	38	0
Wagga...	b	79	46	0
Cape Geo.	b	69	.	0
Queanb'an	b	70	43	0
Deniliquin	b	73	54	0
Albury...	b	74	42	0
Bodalla ..	b	71	45	0
Cooma...	c	64	41	0
Eden.....	c	69	56	0
Gabo Isld.	c	69	58	0

WEATHER MAP.

10 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 10 April .....12·854

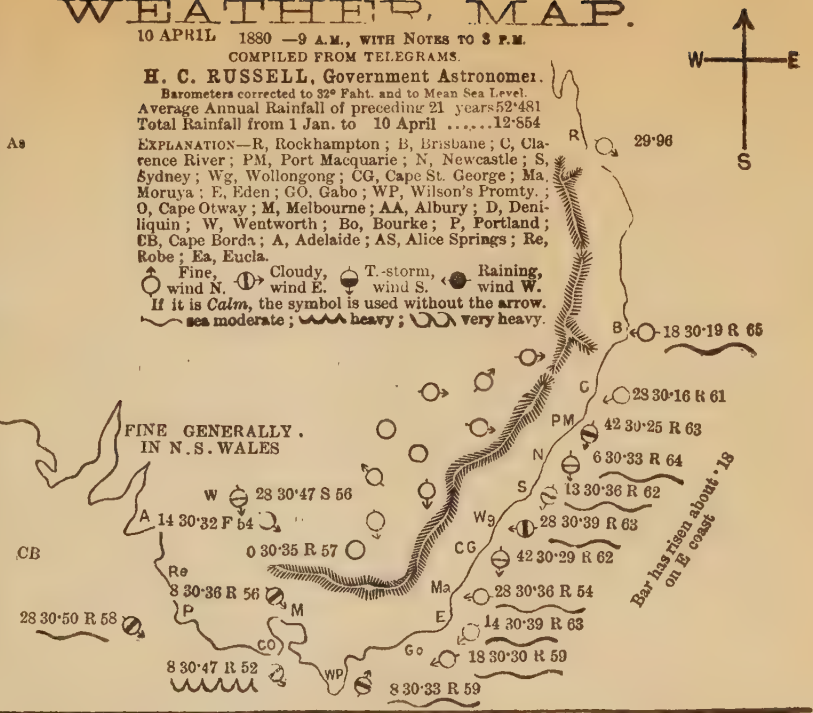
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	88	63	0
Tenterfi'ld	b	71	45	0
Grafton..	b	81	60	0
Inverell..	b	80	50	0
Bourke ..	..	..	..	..
Narrabri..	b	79	59	0
Armidale .	b	68	39	0
Bend'meer	b	78	43	0
Gunnedah	..	..	..	..
Coonab'an	b	77	43	0
P. Macqrie	q	73	59	0
Murr'undi	u	69	53	0
Cassilis ..	b	80	..	0
Mus'brook	u	75	55	0
Dubbo...	.	..	..	.
Mudgee ..	b	83	54	0
Maitland .	c	72	59	0·05
Newcastle	u	72	63	0
Orange ...	b	67	43	0
Bathurst..	b	73	44	0
MtVictoria	b	66	28	0
Forbes...	b	84	59	0
		Ea		
SYDNEY	c	70	58	0
Wentw'th	c	74	43	0
Young...	b	74	52	0
Woll'gong	c	73	55	0
Moss Vale	b	62	45	0
Euston...	b	77	46	0
Goulburn.	b	72	38	0
Wagga...	b	81	46	0
Cape Geo.	b	68	.	0
Queanb'an	b	72	42	0
Deniliquin	b	66	46	0
Albury...	b	75	41	0
Bodalla ..	b	73	47	0
Cooma...	b	59	42	0
Eden....	b	69	55	0
Gabo Isld.	b	63	55	0·08



WEATHER MAP.

12 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 12 April .....13·232

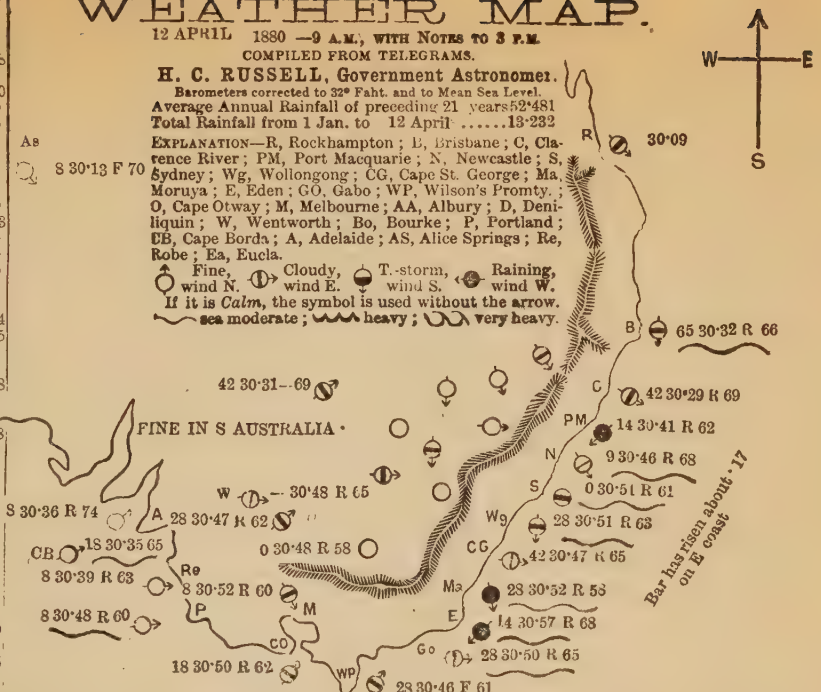
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Wth'r	Max	Min	Rain
Casino....	p	82	61	0·38
Tenterfi'ld	u	65	45	0
Grafton..	u	76	61	0·10
Inverell..	b	77	47	0
Bourke ..	c	82	59	0
Narrabri..	b	77	58	0
Armidale .	u	67	37	0
Bend'meer	b	68	42	0
Gunnedah	b	83	52	0
Coonab'an	b	74	41	0
P. Macqrie	p	79	61	0·43
Murr'undi	b	68	48	0
Cassilis ..	b	77	..	0
Mus'brook	u	73	50	0
Dubbo...	b	77	54	0
Mudgee ..	b	84	53	0
Maitland .	c	70	58	0·24
Newcastle	c	70	58	0·05
Orange ..	u	64	40	0
Bathurst..	u	65	48	0
Mt Victoria	r	60	34	0·58
Forbes...	b	84	58	0
		Ea		
SYDNEY	c	69	57	0·38
Wentw'th	c	81	56	0
Young...	c	67	53	0
Woll'gong	c	71	56	0
Moss Vale	u	60	49	0
Euston...	b	82	43	0
Goulburn.	u	65	48	0
Wagga...	b	77	50	0
Cape Geo.	c	67	.	0
Queanb'an	b	68	49	0
Deniliquin	u	70	49	0
Albury...	b	74	44	0
Bodalla ..	p	66	53	0·30
Cooma...	—	..	..	.
Eden.....	r	66	55	0·25
Gabo Isld.	c	68	60	0



WEATHER MAP.

13 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 13 April .....13·847

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is Calm, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	p	72	59	0·86
Tenterfi'ld	u	60	52	0
Grafton..	u	72	61	0·50
Inverell..	..	..	..	..
Bourke ..	b	83	58	0
Narrabri..	b	77	59	0
Armidale .	d	68	35	0·12
Bend'meer	u	66	40	0
Gunnedah	.	.	..	..
Coonab'an	c	72	46	0
P. Macqrie	p	70	59	0·58
Murr'undi	b	67	49	0
Cassilis ..	b	84	..	0
Mus'brook	b	73	48	0
Dubbo...	c	73	57	0
Mudgee ..	u	83	52	0
Maitland .	u	70	58	0
Newcastle	b	72	64	0
Orange ..	u	65	46	0
Bathurst..	u	64	50	0·03
MtVictoria	p	57	35	0·51
Forbes...	b	88	55	0
34 29·91 78	Ea			
SYDNEY	u	68	58	0·62
Wentw'th	b	80	59	0
Young...	u	68	53	0
Woll'gong	r	68	52	0·60
Moss Vale	r	58	49	0·10
Euston...	..	..	..	..
Goulburn.	u	62	47	0·04
Wagga...	b	75	56	0
Cape Geo.	u	65	.	0
Queanb'an	b	68	46	0
Deniliquin	u	75	50	0
Albury...	b	77	46	0
Bodalla ..	..	..	..	..
Cooma...	c	67	46	0
Eden.....	u	67	56	0·10
Gabo Isld,	b	68	60	0

WEATHER MAP.

14 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 14 April .....13·850

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rn
Casino....	p	77	58	0·28
Tenterfi'ld	u	64	43	0
Grafton..	u	75	61	0·13
Inverell..	b	73	49	0
Bourke ..	c	82	62	0
Narra'ori..	b	94	55	0
Armidale .	m	69	40	0·11
Bend'meer	b	66	41	0
Gunnedah	.	.	..	..
Coonab'an	b	74	53	0
P. Macqrie	..	..	..	.
Murr'undi	b	66	55	0
Cassilis ..	u	80	..	0
Mus'brook	..	..	..	..
Dubbo...	b	74	57	0
Mudgee ..	u	84	52	0
Maitland .	c	71	59	0·10
Newcastle	u	73	64	0
Orange ..	u	65	46	0
Bathurst..	u	65	49	0
Mt Victoria	c	58	33	0·18
Forbes...	b	87	54	0
SYDNEY	u	69	58	0
Wentw'th	u	82	59	0
Young...	c	65	54	0
Woll'gong	u	66	59	0·54
Moss Vale	c	56	51	0·36
Euston...	b	89	48	0
Goulburn.	u	62	47	0·10
Wagga...	u	73	57	0
Cape Geo.	r	66	.	0·69
Queanb'an	u	63	53	0
Deniliquin	u	77	60	0
Albury...	b	74	49	0
Bodalla ..	r	74	54	0·12
Cooma...	m	66	46	0·01
Eden.....	u	66	57	0
Gabo Isld.	c	70	61	0

WEATHER MAP.

15 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

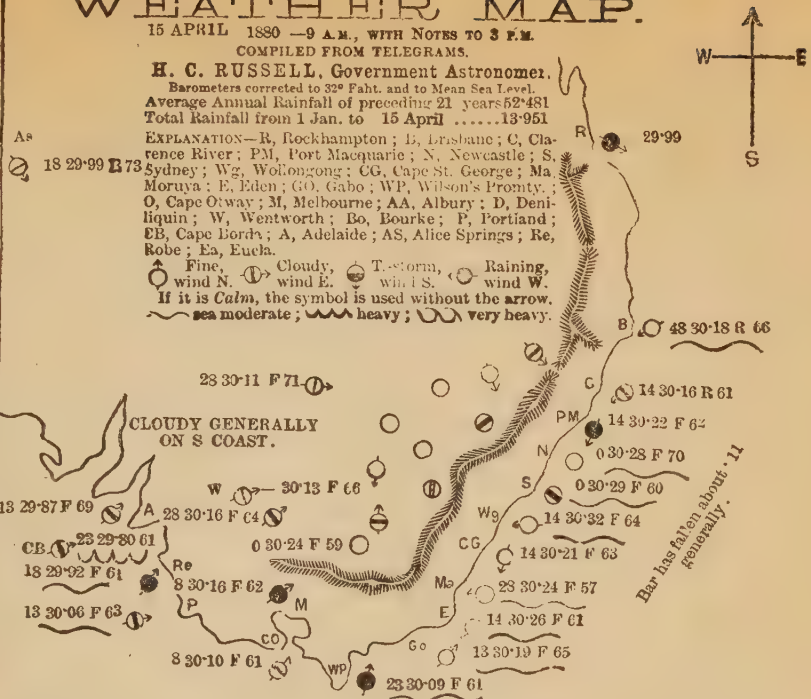
Total Rainfall from 1 Jan. to 15 April .....13·951

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; EB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	W'th'r	Max	Min	Rain
Casino....	b	80	62	0
Tenterfi'ld	u	63	48	0
Grafton..	u	70	58	0·30
Inverell..	b	72	48	0
Bourke ..	c	81	60	0
Narrabri..	b	78	57	0
Armidale .	u	69	40	0·07
Bend'meer	b	68	43	0
Gunnedah	.	.	..	..
Coonab'an	b	77	42	0
P. Macqrie	r	69	60	1·81
Murr'undi	b	67	50	0
Cassilis ..	b	82	..	0
Mus'brook	u	76	56	0
Dubbo...	b	74	57	0
Mudgee ..	u	72	53	0
Maitland .	b	73	60	0
Newcastle	b	73	60	0
Orange ..	b	62	44	0
Bathurst..	b	69	40	0
MtVictoria	u	65	35	0
Forbes...	b	93	57	0
18 29·77 66 Ea				
SYDNEY	u	69	58	0·11
Wentw'th	u	78	60	0
Young...	b	69	51	0
Woll'gong	b	75	55	0·38
Moss Vale	b	61	50	0·07
Euston...	u	82	53	0
Goulburn.	b	65	49	0·02
Wagga...	u	77	57	0
Cape Geo.	b	68	.	0
Queanb'an	b	64	51	0
Deniliquin	u	79	61	0
Albury...	b	77	52	0
Bodalla ..	b	71	69	0·01
Cooma...	c	62	43	0
Eden.....	b	67	55	0
Gabo Isld.	b	70	58	0

WEATHER MAP.

16 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 16 April .....14·028

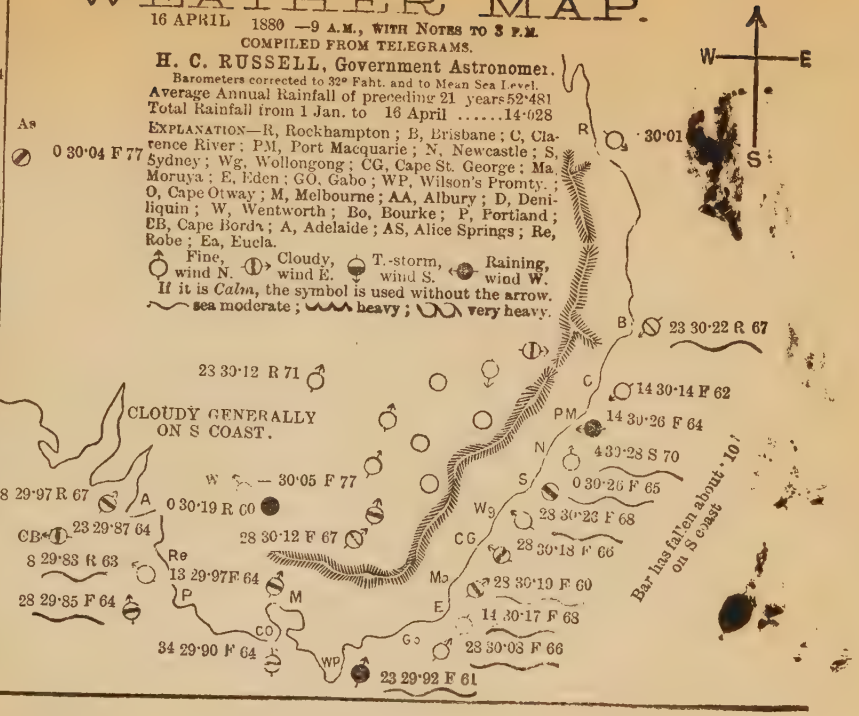
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Wind	Max	Min	Rain
Casino....	b	82	61	0
Tenterfi'ld	u	64	48	0
Grafton..	b	76	61	0·14
Inverell..	b	73	49	0
Bourke ..	b	85	67	0
Narrabri..	b	86	57	0
Armidale .	b	67	37	0
Bend'meer	b	77	52	0
Gunnedah	.	.	..	..
Coonab'an	b	84	46	0
P. Macqrie	p	69	59	0·12
Murr'undi	b	70	51	0
Cassilis ..	b	86	..	0
Mus'brook	b	78	58	0
Dubbo...	b	76	60	0
Mudgee ..	b	83	54	0
Maitland .	b	73	60	0
Newcastle	b	74	64	0·01
Orange ..	u	69	50	0
Bathurst..	u	72	45	0
MtVictoria	u	64	38	0
Forbes...	b	92	59	0
SYDNEY	u	70	60	0·08
Wentw'th	..	..	..	..
Young...	b	73	51	0·06
Woll'gong	b	71	59	0
Moss Vale	c	64	54	0·91
Euston...	u	82	62	0
Goulburn.	b	71	50	0
Wagga...	u	80	57	0·17
Cape Geo.	b	74	..	0
Queanb'an	b	71	57	0·32
Deniliquin	t	80	59	0
Albury...	u	76	50	0
Bodalla ..	b	75	46	0
Cooma...	u	68	41	0
Eden.....	b	69	58	0
Gabo Isld.	b	77	62	0



WEATHER MAP.

17 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 17 April .....14·030

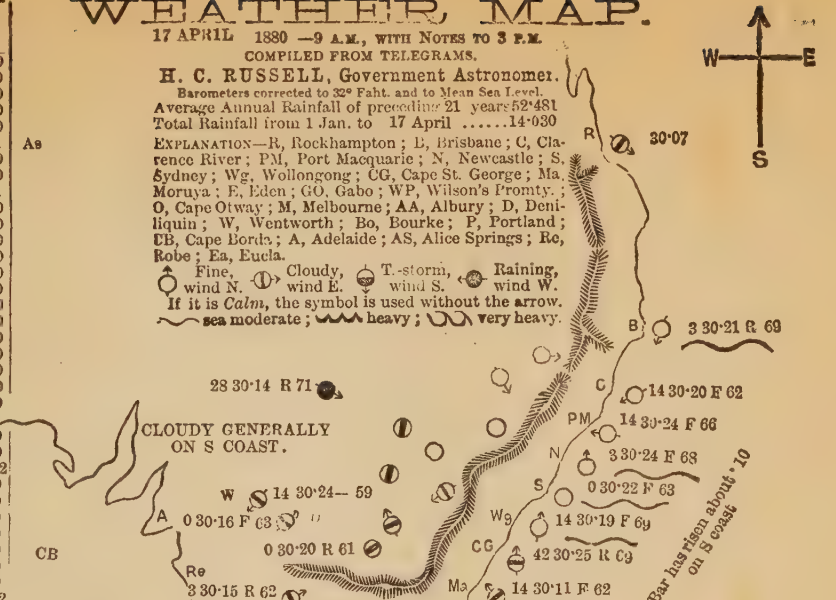
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	84	59	0
Tenterfi'ld	b	68	..	0
Grafton..	c	70	58	0
Inverell..	b	75	49	0
Bourke ..	r	91	62	0
Narrabri..	..	..	..	..
Armidale .	b	70	39	0
Bend'meer	b	76	46	0
Gunnedah	.	.	..	..
Coonab'an	b	80	44	0
P. Macqrie	b	73	57	0
Murr'undi	b	72	53	0
Cassilis ..	b	75	..	0
Mus'brook	b	79	54	0
Dubbo...	b	78	61	0
Mudgee ..	b	82	52	0
Maitland .	u	74	59	0
Newcastle	b	77	60	0
Orange ..	u	71	50	0
Bathurst..	b	73	47	0
Mt Victoria	c	63	37	0
Forbes...	u	88	61	0
SYDNEY	b	71	61	0
Wentw'th	b	80	54	0
Young...	u	75	60	0·12
Woll'gong	b	75	58	0
Moss Vale	b	67	54	0
Euston...	u	80	64	0
Goulburn.	b	66	51	0
Wagga...	p	82	60	0
Cape Geo.	b	70	..	0
Queanb'an	c	73	56	0
Deniliquin	u	70	58	0·32
Albury...	u	70	57	0
Bodalla ..	b	79	54	0·87
Cooma...	c	75	52	0·12
Eden.....	u	70	62	0
Gabo Isld.	u	71	63	0·12



WEATHER MAP.

19 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 19 April .....14·178

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	p	78	65	0·30
Tenterfi'ld	d	68	..	0
Grafton..	p	72	69	0·38
Inverell..	u	71	60	0
Bourke ..	c	72	61	0·02
Narrabri..	c	80	61	0·06
Armidale .	u	67	40	0·10
Bend'meer	u	78	45	0
Gunnedah	u	93	42	0
Coonab'an	u	79	59	0·30
P. Macqrie	p	72	61	0·35
Murr'undi	u	76	53	0
Cassilis ..	u	73	..	0
Mus'brook	.	..	..	..
Dubbo...	r	79	60	0·46
Mudgee ..	u	86	55	0
Maitland .	u	75	58	0
Newcastle	u	78	65	0
Orange ..	u	71	51	0·11
Bathurst..	u	75	52	0·10
MtVictoria	u	72	38	0
Forbes...	r	90	59	0·09
SYDNEY	u	72	64	0·15
Wentw'th	b	86	53	0
Young...	u	81	59	0
Woll'gong	p	76	63	1·09
Moss Vale	r	72	57	0·11
Euston...	b	84	59	0
Goulburn.	b	75	55	0
Wagga...	u	82	59	0·48
Cape Geo.	b	66	..	0·07
Queanb'an	b	73	56	1·35
Deniliquin	b	78	53	0·16
Albury...	b	71	53	0·19
Bodalla ..	b	76	54	0·01
Cooma...	c	76	54	0·60
Eden.....	c	70	61	0
Gabo Isld.	b	77	60	0

WEATHER MAP.

20 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 20 April .....14·483

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weather	Max.	Min.	Rain
Casino....	..	74	64	0·70
Tenterfi'ld	d	64	..	0
Grafton..	u	74	65	0·19
Inverell..	.	..	..	..
Bourke ..	b	72	63	0·12
Narrabri..	u	75	64	0·24
Armidale .	b	68	39	0
Bend'meer	..	..	..	..
Gunnedah	..	..	..	..
Coonab'an	u	76	62	0
P. Macqrie	p	72	66	1·10
Murr'undi	b	71	54	0
Cassilis ..	u	73	..	0
Mus'brook	.	..	..	..
Dubbo...	c	73	65	0·58
Mudgee ..	r	74	61	0
Maitland .	b	76	62	0
Newcastle	b	75	66	0·03
Orange ..	p	65	55	0·43
Bathurst..	r	68	56	0·07
Mt Victoria	r	62	41	0·51
Forbes...	r	89	64	0
SYDNEY	u	71	64	0·31
Wentw'th	u	86	61	0
Young...	u	69	61	0·26
Woll'gong	u	75	66	0·05
Moss Vale	u	68	57	0
Euston...	u	82	73	0
Goulburn.	u	69	56	0
Wagga...	u	82	59	0
Cape Geo.	u	66	..	0·25
Queanb'an	c	71	58	0·57
Deniliquin	u	78	60	0·02
Albury...	p	72	..	0·32
Bodalla ..	p	79	59	0·02
Cooma...	c	74	55	0·02
Eden....	u	71	64	0
Gabo Isld	u	74	65	0

WEATHER MAP.

21 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 21 April .....14·515

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Wth'r	Max	Min	Rain
Casino....	p	75	63	0·80
Tenterfi'ld	u	66	..	0
Grafton..	c	74	62	0·21
Inverell..	b	77	55	0
Bourke ..	c	78	61	0·37
Narrabri..	..	..	..	..
Armidale .	b	72	62	0
Bend'meer	b	75	44	0
Gunnedah	..	..	..	..
Coonabarabran	..	..	..	..
P. Macqrie	p	72	62	0·12
Murr'undi	c	74	52	0
Cassilis ..	u	80	..	0
Mus'brook	u	80	56	0
Dubbo...	u	76	64	0
Mudgee ..	u	83	62	0·07
Maitland .	b	78	64	0
Newcastle	b	77	66	0
Orange ..	u	62	56	0
Bathurst..	u	70	57	0·04
MtVictoria	u	65	41	0
Forbes...	r	72	60	0·50
SYDNEY	u	73	66	0·03
Wentw'th	..		..	..
Young...	r	70	59	0·05
Woll'gong	b	74	64	0·14
Moss Vale	r	62	58	0·03
Euston...	u	89	52	0
Goulburn.	u	68	57	0
Wagga...	r	74	62	0·16
Cape Geo.	c	70	.	0·13
Queanb'an	u	71	59	0·20
Deniliquin	u	73	64	0·56
Albury...	r	73	62	0
Bodalla ..	b	74	62	0
Coonia...	r	67	54	0
Eden.....	u	70	65	0·08
Gabo Isld.	u	74	66	0

WEATHER MAP.

22 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 22 April .....14·516

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	p	77	65	0·89
Tenterfi'ld	u	67	..	0
Grafton..	u	72	62	0·31
Inverell..	u	74	68	0
Bourke ..	c	81	62	1·62
Narrabri..	u	79	60	0
Armidale .	u	67	39	0
Bend'meer	u	73	47	0
Guanedah	..	..	..	.
Coonab'an	u	73	58	0
P. Macqrie	p	72	65	0
Murr'undi	u	72	62	0
Cassilis ..	c	93	..	0
Mus'brook	u	78	60	0
Dubbo...	p	75	64	0·11
Mudgee ..	u	75	62	0
Maitland .	c	77	41	0
Newcastle	u	74	67	0
Orange ..	u	70	57	0
Bathurst..	u	69	55	0
Mt Victoria	b	63	40	0
Forbes...	r	72	59	0·92
		Ea		
SYDNEY	u	73	67	0
Wentw'th	b	78	46	0·21
Young...	r	71	60	0·47
Woll'gong	c	72	66	0·05
Moss Vale	b	..	..	..
Euston...	b	82	48	0·56
Goulburn.	b	67	56	0
Wagga...	r	68	61	0·71
Cape Geo.	b	69	.	0
Queanb'an	c	68	58	0
Deniliquin	u	71	56	1·85
Albury...	r	67	60	1·23
Bodalla ..	c	75	65	0
Cooma...	b	67	55	0·41
Eden....	u	69	65	0·02
Gabo Isld	u	68	65	0.09

WEATHER MAP.

23 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 23 April .....14·516

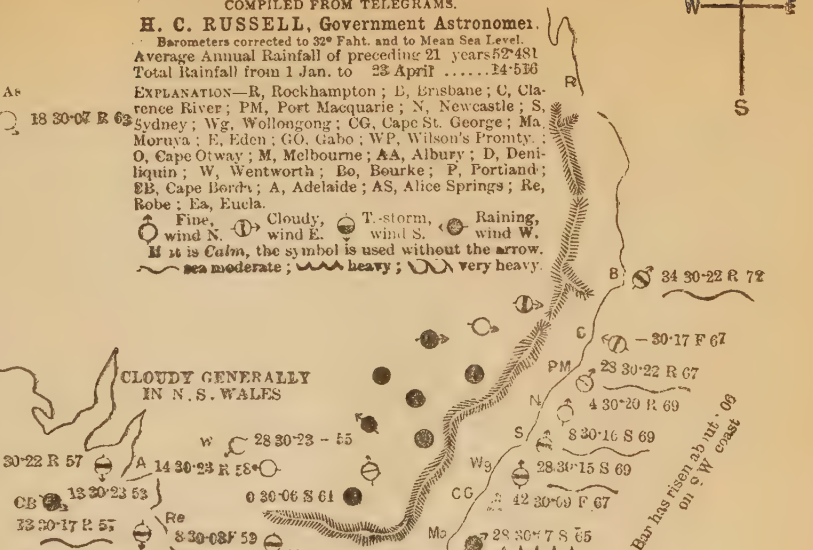
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; EB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	c	80	63	0·02
Tenterfi'ld	u	64	..	0
Grafton..	u	77	65	0·11
Inverell..	b	74	56	0
Bourke ..	..	..	..	..
Narrabri..	r	74	65	0·24
Armidale .	b	68	40	0
Bend'meer	u	72	46	0
Gunnedah	..	..	..	.
Coonab'an	c	75	58	0·65
P. Macqrie	u	75	62	0·03
Murr'undi	u	73	59	0
Cassilis ..	p	58	..	0
Mus'brook	u	85	60	0
Dubbo.. ,	r	69	61	1·81
Mudgee ..	r	76	61	0·38
Maitland .	b	79	65	0
Newcastle	b	75	66	0
Orange ..	r	65	55	0·75
Bathurst..	r	68	58	0·53
MtVictoria	r	68	53	0·42
Forbes...	r	67	61	0·56
SYDNEY	u	74	67	0
Wentw'th	b	63	45	0·06
Young...	p	66	61	0·36
Woll'gong	c	76	65	0
Moss Vale	r	68	59	0
Euston...	b	80	42	0
Goulburn.	r	72	59	0·36
Wagga...	r	67	62	0·11
Cape Geo.	u	87	..	0
Queanb'an	r	65	59	0·64
Deniliquin	b	64	55	0·41
Albury...	r	65	58	1·33
Bodalla ..	..	..	..	..
Cooma...	m	67	55	0·09
Eden.....	r	69	66	0·10
Gabo Isld.	u	68	62	0·16



WEATHER MAP.

24 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 24 April .....14·656

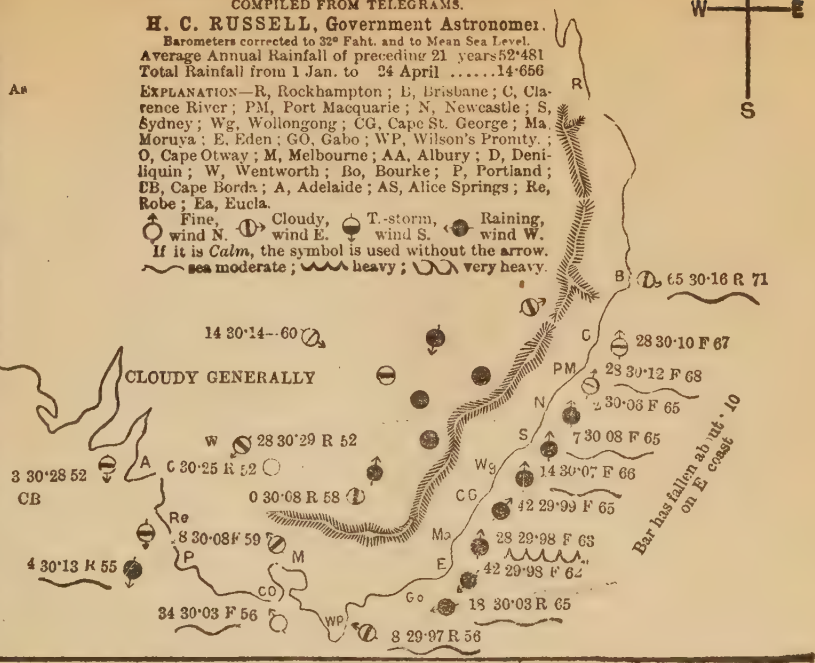
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino.....	p	82	65	0·07
Tenterfi'ld	u	65	..	0
Grafton..	c	75	65	0
Inverell..	c	75	57	0·10
Bourke ..	u	79	56	0·12
Narrabri..	r	70	62	1·03
Armidale .	u	67	39	0·07
Bend'meer	r	72	43	0
Gunnedah	r	81	53	0·73
Coonab'an	r	62	55	3·16
P. Macqrie	u	74	65	0·31
Murr'undi	r	70	53	0·37
Cassilis ..	.	..	..	..
Mus'brook	r	79	61	0·28
Dubbo...	r	68	57	3·39
Mudgee ..	.		..	.
Maitland .	r	79	67	0·25
Newcastle	r	79	65	0·09
Orange ..	r	58	52	1·85
Bathurst..	r	61	57	1·30
MtVictoria	r	58	42	0·42
Forbes...	c	64	53	1·55
SYDNEY	r	73	65	0·14
Wentw'th	u	73	47	0
Young...	..	..	.	.
Woll'gong	p	76	64	0·36
Moss Vale	r	62	57	0·53
Euston...	u	73	41	0
Goulburn.	r	72	51	0·90
Wagga...	u	64	59	0·88
Cape Geo.	..	..	..	..
Queanb'an	r	64	57	1·77
Deniliquin	b	69	47	0
Albury...	u	63	52	0·54
Bodalla ..	..	..	..	..
Cooma...	r	60	55	0·80
Eden.....	..	..	.	..
Gabo Isld.	r	68	64	0·57



WEATHER MAP.

26 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers [illegible] Sea Level.

Average Annual Rainfall [illegible] 21 ..... 52·481

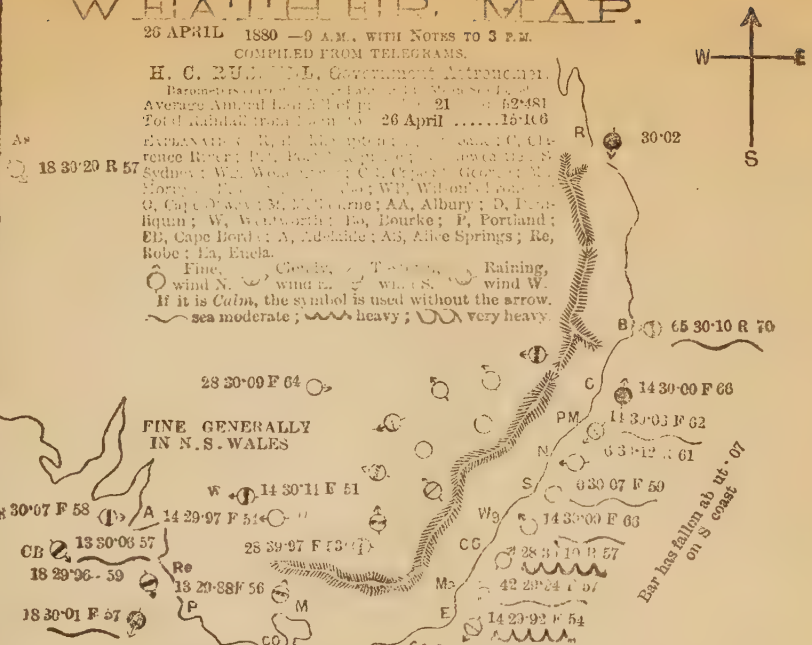
Total Rainfall from [illegible] to 26 April .....15·106

EXPLANATION: R, [illegible]; C, Clarence River; [illegible]; Sydney; W.S., Wollongong; C.S., Cooma; G, Gosford; N, Norah; [illegible]; WP, Wilson's Promontory; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ha, Eucla.

Fine, Cloudy, Threatening, Raining, wind N., wind E., wind S., wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	W'ther	Max	Min	Rain
Casino....	u	73	66	0·01
Tenterfi'ld	c	67	[illegible]	0
Grafton..	u	71	61	0·05
Inverell..	b	74	48	1·55
Bourke ..	b	73	52	0
Narrabri..	u	67	53	1·90
Armidale .	n	65	3[illegible]	0·57
Bend'meer	b	65	38	1·07
Gunnedah	..	[illegible]	[illegible]	[illegible]
Coonab'an	n	65	52	1·03
P. Macqrie	u	69	5[illegible]	0
Murr'undi	b	70	53	1·04
Cassilis ..	b	68	[illegible]	1·32
Mus'brook	b	[illegible]	[illegible]	1·00
Dubbo...	b	65	48	0
Mudgee ..	b	7[illegible]	2[illegible]	0·57
Maitland .	b	69	5[illegible]	1·05
Newcastle	b	72	51	0
Orange ..	b	5[illegible]	[illegible]	0
Bathurst..	b	61	39	0·59
MtVictoria	b	62	38	0·50
Forbes...	c	75	51	0
13 30·12 62 Ha				
SYDNEY	b	68	53	0·45
Wentw th	f	65	42	0·05
Young....	u	62	46	0
Woll'gong	b	71	50	0
Moss Vale .	b	66	45	0
Euston. ..	f	77	42	0
Goulburn..	b	64	38	0·27
Wagga...	u	69	50	0·47
Cape Otway	b	71	[illegible]	0
Queanb'n..	u	62	44	0·11
Deniliqu'n	p	66	45	0·23
Albury...	u	66	42	0·23
Bodalla ..	b	73	40	0
Cooma...	c	64	38	0·10
Eden....	c	68	50	0·26
Gabo Isld.	b	64	51	0

WEATHER MAP.

28 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

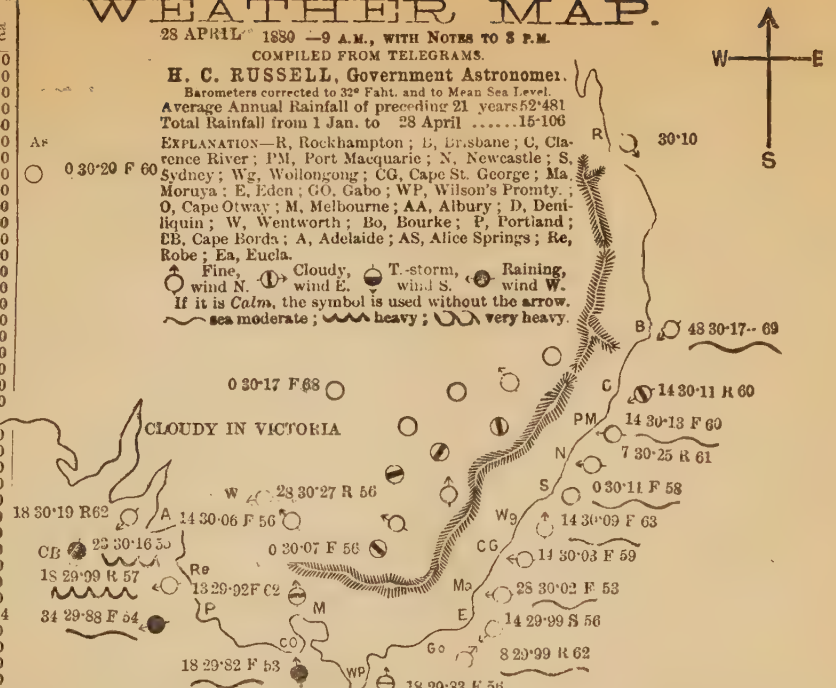
Total Rainfall from 1 Jan. to 28 April .....15·106

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	W'th'r	Max	Min	Rain
Casino....	b	96	63	0
Tenterfi'ld	b	70	..	0
Grafton..	b	82	57	0
Inverell..	b	66	41	0
Bourke ..	b	78	53	0
Narrabri..	b	71	51	0
Armidale .	b	65	31	0
Bend'meer	b	67	32	0
Gunnedah	b	82	39	0
Coonab'an	n	69	38	0
P. Macqrie	b	70	55	0
Murr'undi	b	64	49	0
Cassilis ..	b	60	..	0
Mus'brook	b	73	48	0
Dubbo...	b	69	56	0
Mudgee ..	b	73	51	0
Maitland .	b	69	54	0
Newcastle	b	74	54	0
Orange ..	b	57	48	0
Bathurst..	b	60	45	0
MtVictoria	b	57	33	0
Forbes...	b	80	49	0
8 30·31 65 Ea				
SYDNEY	b	69	55	0
Wentw'th	b	77	49	0
Young...	b	61	54	0
Woll'gong	b	74	55	0
Moss Vale	b	59	47	0
Euston....	b	72	41	0
Goulburn.	b	64	40	0
Wagga....	b	76	52	0
Cape Geo.	b	72	.	0
Queanb'an	b	63	47	0
Deniliquin	b	66	50	0
Albury....	b	64	50	0·04
Bodalla ..	b	78	41	0
Cooma....	b	68	35	0
Eden.....	b	66	50	0
Gabo Isld.	b	68	54	0

WEATHER MAP.

29 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

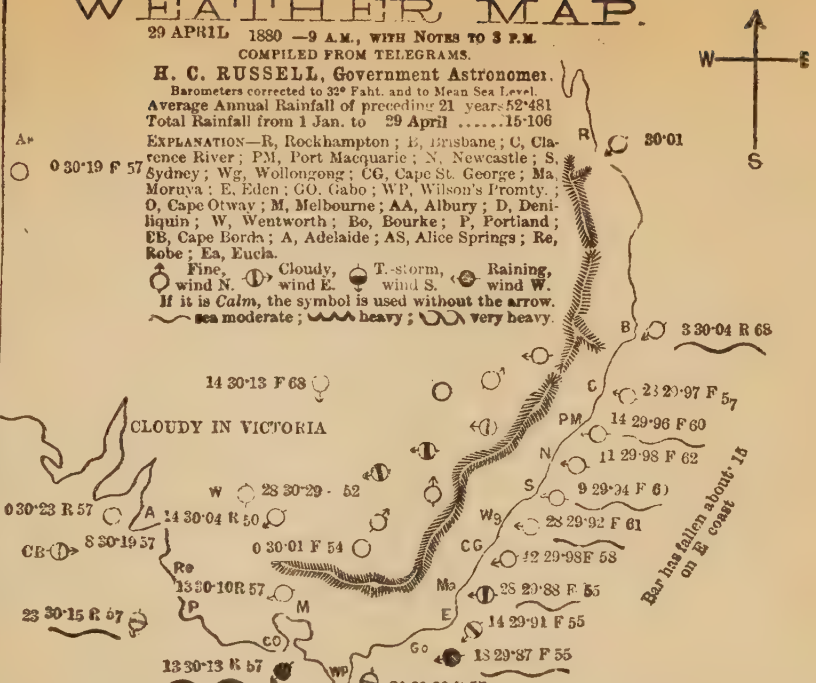
Total Rainfall from 1 Jan. to 29 April .....15·106

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	Wth'r	Max	Min	Rain
Casino....	b	87	58	0
Tenterfi'ld	b	69	..	0
Grafton..	b	81	51	0
Inverell..	b	65	40	0
Bourke ..	b	73	51	0
Narrabri..	b	70	46	0
Armidale .	b	63	30	0
Bend'meer	b	67	36	0
Guanedah	b	82	39	0
Coonab'an	b	70	40	0
P. Macqrie	b	71	52	0
Murr'undi	b	65	48	0
Cassilis ..	b	62	..	0
Mus'brook	b	73	54	0
Dubbo...	b	69	52	0
Mudgee ..	u	70	50	0
Maitland .	b	70	55	0
Newcastle	b	76	55	0
Orange ..	c	61	43	0·18
Bathurst..	u	66	48	0·15
MtVictoria	c	58	32	0
Forbes....	..	..	..	..
23 29·92 71 Ea				
SYDNEY	b	70	58	0
Wentw'th	b	68	40	0
Young...	u	70	51	0·10
Woll'gong	b	75	55	0
Moss Vale	b	62	47	0
Euston...	b	69	60	0
Goulburn.	b	66	45	0·08
Wagga...	u	71	49	0·12
Cape Geo.	b	74	.	0
Queanb'an	b	63	45	0
Deniliquin	b	67	48	0·07
Albury...	b	63	47	0·22
Bodalla ..	c	78	46	0
Cooma...	b	62	39	0
Eden.....	u	68	49	0
Gabo Isld.	p	76	54	0

WEATHER MAP.

30 APRIL 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 30 April .....15·106

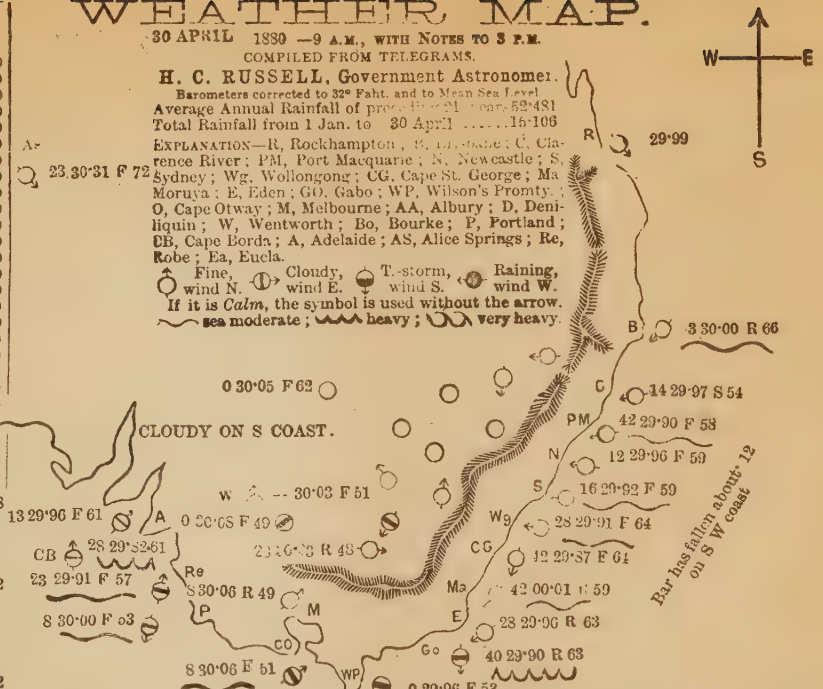
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weather	Max.	Min.	Rain.
Casino....	b	83	53	0
Tenterfield	b	62	..	0
Grafton..	b	80	52	0
Inverell..	b	64	40	0
Bourke ..	b	73	47	0
Narrabri..	b	65	46	0
Armidale .	u	60	25	0
Bend'meer	b	66	29	0
Gunnedah	b	79	35	0
Coonab'ra	n	66	33	0
P. Macqrie	b	73	51	0
Murr'undi	b	64	43	0
Cassilis ..	c	65	..	0
Mus'brook	b	71	43	0
Dubbo...	b	65	46	0
Mudgee ..	b	72	41	0
Maitland .	b	70	53	0
Newcastle	b	75	51	0
Orange ..	b	53	41	0
Bathurst..	b	53	39	0
MtVictoria	b	53	27	0
Forbes...	b	70	43	0
SYDNEY	b	66	55	0
Wentwth	b	53	43	0
Young...	b	59	41	0
Wol'gong	b	69	56	0
Moss Vale	b	57	44	0·08
Euston...	u	70	40	0
Goulburn.	b	58	40	0
Wagga ..	fb	64	42	0
Cape Geo	b	64	.	0
Queanbeyan	b	62	40	0·12
Deniliquin	u	64	41	0
Albury...	b	67	41	0
Bodalla ..	b	72	53	0
Cooma...	c	55	44	0
Eden.....	b	66	57	0
Gabo Isld.	b	64	54	0·72



WEATHER MAP.

1 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 1 May.. .....15·106

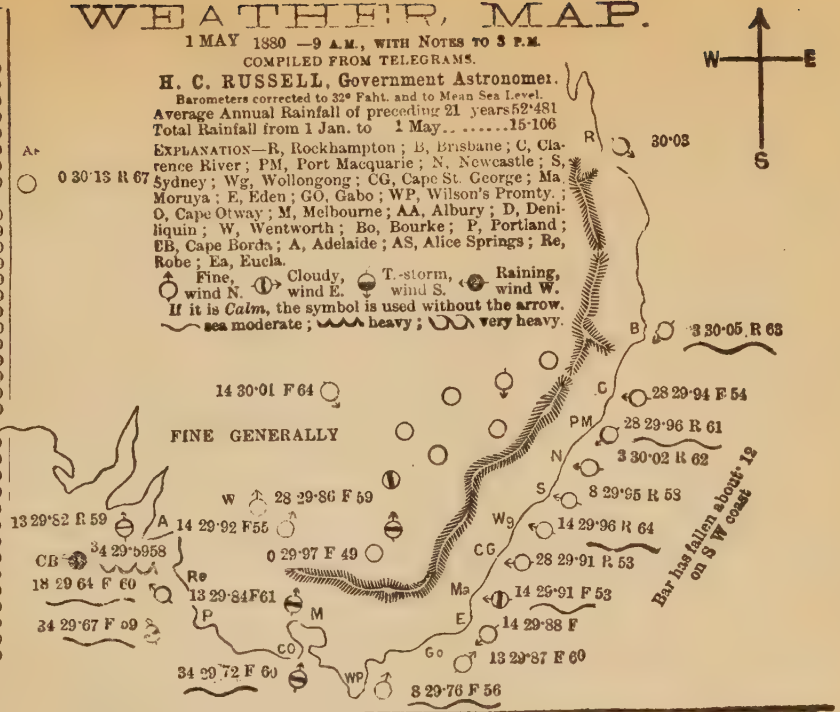
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Wth'r	Max	Vl	[illegible]
Casino....	b	82	52	0
Tenterfi'ld	b	64	..	0
Grafton..	b	78	47	0
Inverell..	b	62	38	0
Bourke ..	b	75	47	0
Narrabri..	b	69	45	0
Armidale .	b	65	31	0
Bend'meer	b	63	29	0
Gunnedah	..	78	35	..
Coonab'an	b	69	33	0
P. Macqrie	b	71	52	0
Murr'undi	b	64	45	0
Cassilis ..	b	65	..	0
Mus'brook	b	71	45	0
Dubbo...	b	64	45	0
Mudgee ..	b	72	42	0
Maitland .	b	71	54	0
Newcastle	b	70	51	0
Orange ..	b	59	32	0
Bathurst..	fb	65	38	0
MtVictoria	b	59	29	0
Forbes...	b	79	42	0
SYDNEY	b	69	55	0
Wentw'th	b	71	49	0
Young...	c	64	43	0
Woll'gong	c	74	55	0
Moss Vale	b	59	44	0
Euston...	b	72	43	0
Goulburn.	b	67	38	0
Wagga...	b	72	45	0
Cape Geo.	b	66	.	0
Queanb'an	b	64	43	0
Deniliquin	b	67	46	0
Albury...	fb	67	42	0
Bodalla ..	b	74	48	0
Cooma...	fb	61	35	0
Eden.....	..	67	52	..
Gabo-Isld	..	65	55	..



WEATHER MAP.

3 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 3 May.. .....15·111

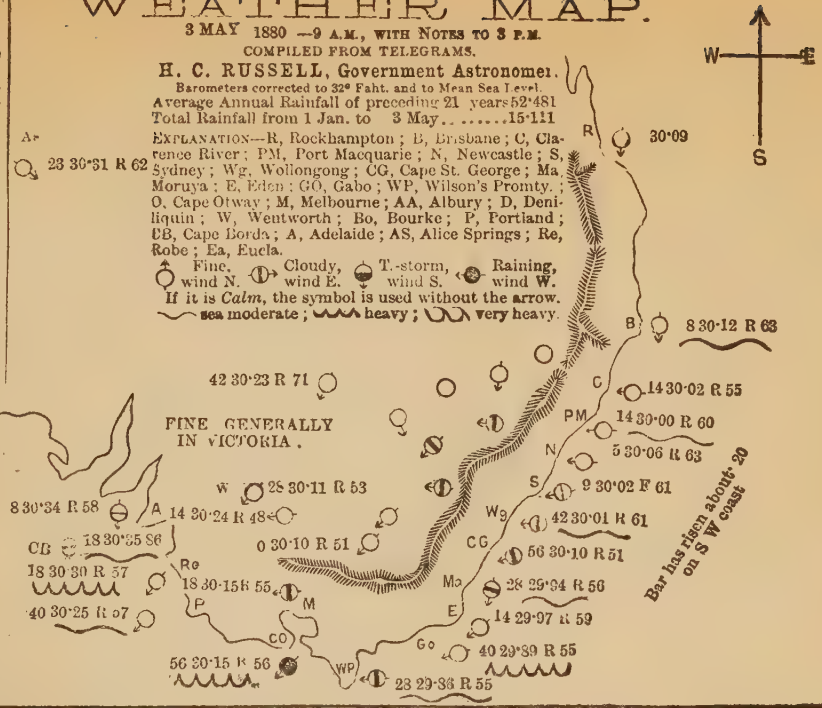
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'ATH'R	Max	Min	Rain
Casino....	b	80	53	0
Tenterfi'ld	b	67	..	0
Grafton..	b	73	50	0
Inverell..	b	56	38	0
Bourke ..	b	87	50	0
Narrabri..	b	70	47	0
Armidale .	..	..	..	..
Bend'meer	b	70	30	0
Gunnedah	b	81	38	0
Coonab'an	b	75	39	0
P. Macqrie	b	70	57	0
Murr'undi	b	67	46	0
Cassilis ..	b	63	..	0
Mus'brook	b	73	47	0
Dubbo...	b	70	45	0
Mudgee ..	u	72	42	0
Maitland .	b	71	51	0
Newcastle	b	76	55	0
Orange ..	c	62	45	0
Bathurst..	u	70	38	0
MtVictoria	b	63	32	0
Forbes...	b	70	39	0
SYDNEY	c	75	66	0
Wentw'th	b	72	41	0
Young...	u	67	45	0
Woll'gong	c	80	53	0
Moss Vale	b	63	46	0
Euston...	b	81	44	0·01
Goulburn.	b	70	46	0
Wagga...	u	75	45	0
Cape Geo.	c	66	.	0
Queanb'an	b	66	41	0
Deniliquin	b	70	43	0
Albury...	b	68	42	0·09
Bodalla ..	p	80	42	0
Cooma...	b	68	39	0
Eden....	b	69	51	0·11
Gabo Isld.	b	75	52	0



WEATHER MAP.

4 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 4 May.....15·111

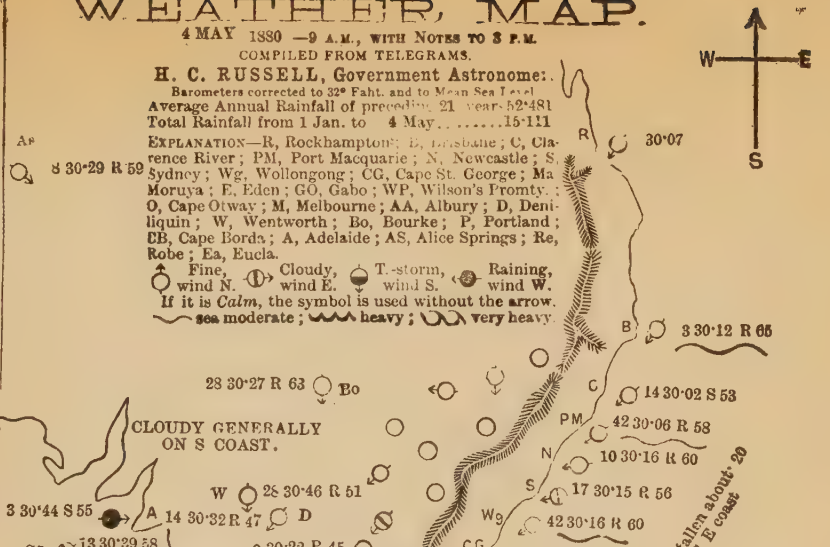
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	87	49	0
Tenterfi'ld	b	66	..	0
Grafton..	b	83	47	0
Inverell..	b	65	36	0
Bourke ..	b	72	44	0
Narrabri..	b	72	44	0
Armidale .	b	65	30	0
Bend'meer	b	67	20	0
Gunnedah	b	81	33	0
Coonab'an	b	63	37	0
P. Macqrie	b	74	49	0
Murr'undi	b	63	41	0
Cassilis ..	n	73	..	0
Mus'brook	b	69	39	0
Dubbo...	b	62	42	0
Mudgee ..	b	71	41	0
Maitland .	b	69	59	0
Newcastle	b	77	52	0
Orange ..	b	52	38	0
Bathurst..	b	55	40	0
MtVictoria	b	53	25	0
Forbes...	b	79	41	0
SYDNEY	c	65	53	0
Wentw'th	b	67	40	0
Young...	..	.	..	..
Woll'gong	b	67	54	0
Moss Vale	b	53	33	0
Euston...	b	71	38	0
Goulburn.	b	56	36	0
Wagga...	b	66	41	0
Cape Geo.	b	58	.	0·07
Queanb'an	b	58	35	0
Deniliquin	b	61	40	0
Albury...	b	60	37	0
Bodalla ..	b	68	41	0·03
Cooma...	u	56	46	0
Eden.....	b	69	51	0·10
Gabo Isld	b	62	51	0·47



WEATHER MAP.

5 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 5 May.....15·111

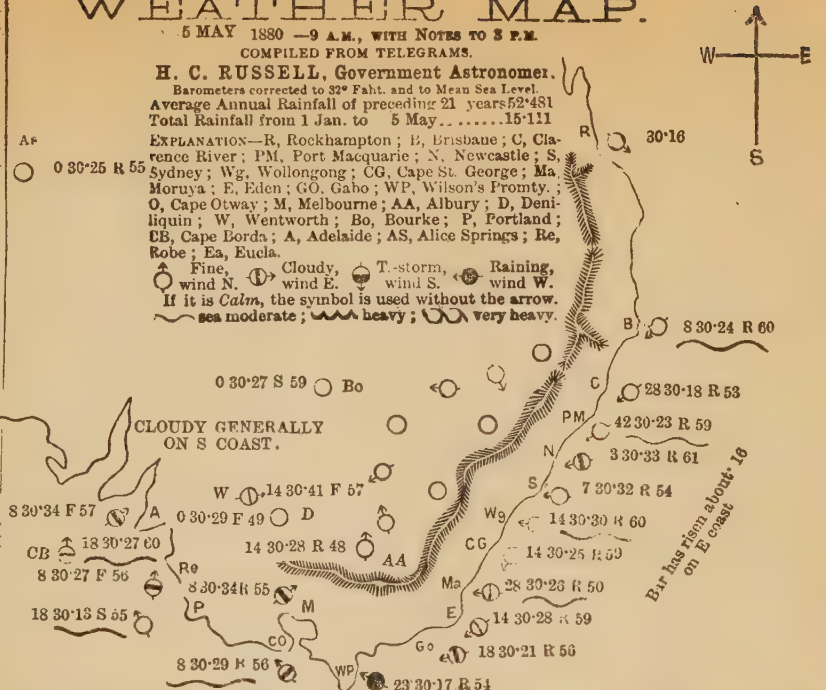
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rn.
Casino....	b	82	49	0
Tenterfi'ld	b	64	..	0
Grafton..	b	77	47	0
Inverell..	b	65	34	0
Bourke ..	b	73	44	0
Narrabri..	b	66	45	0
Armidale .	n	62	22	0
Bend'meer	b	63	23	0
Gunnedah	..	..	.	..
Coonab'an	n	66	29	0
P. Macqrie	b	68	51	0
Murr'undi	b	61	39	0
Cassilis ..	n	71	..	0
Mus'brook	b	68	41	0
Dubbo...	b	62	43	0
Mudgee ..	b	72	40	0
Maitland .	c	67	53	0
Newcastle	u	77	51	0
Orange ..	b	53	34	0
Bathurst..	b	67	38	0
Mt Victoria	b	55	25	0
Forbes...	b	78	39	0
SYDNEY	b	64	51	0
Wentw'th	c	69	47	0
Young...	b	64	38	0
Woll'gong	b	70	49	0
Moss Vale	n	54	37	0
Euston...	c	72	37	0
Goulburn.	b	63	31	0
Wagga...	b	71	39	0
Cape Geo.	b	64	.	0
Queanb'an	b	63	38	0
Deniliquin	b	64	41	0
Albury...	b	65	37	0
Bodalla ..	b	71	42	0
Cooma...	b	55	34	0
Eden.....	c	62	53	0
Gabo Isld.	c	61	52	0·08



WEATHER MAP.

6 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 6 May.....15·113

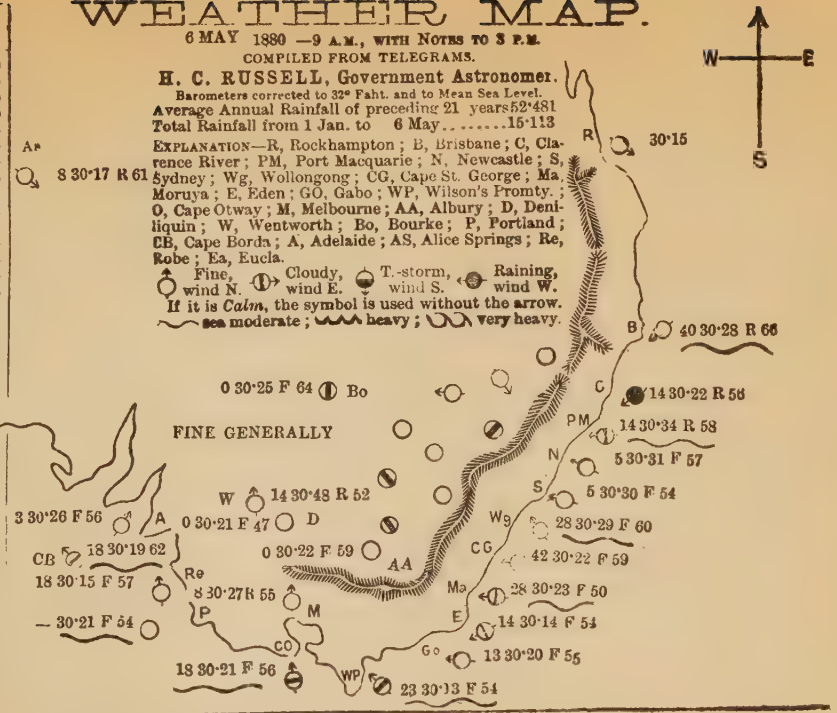
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	84	52	0
Tenterfi'ld	b	65	..	0
Grafton..	u	78	51	0
Inverell..	b	65	36	0
Bourke ..	c	75	44	0
Narrabri..	b	83	45	0
Armidale .	n	61	24	0
Bend'meer	b	66	26	0
Gunnedah	..	..	..	..
Coonab'an	n	70	31	0
P. Macqrie	c	70	54	0
Murr'undi	b	63	42	0
Cassilis ..	n	70	..	0
Mus'brook	b	69	41	0
Dubbo...	b	63	46	0
Mudgee ..	u	71	39	0
Maitland .	b	66	47	0
Newcastle	b	66	50	0
Orange ..	b	57	35	0
Bathurst..	n	66	35	0
MtVictoria	b	57	27	0
Forbes...	b	79	40	0
SYDNEY	b	67	51	0
Wentw'th	b	71	38	0
Young...	c	64	42	0
Woll'gong	b	70	48	0
Moss Vale	b	56	40	0
Euston...	b	72	44	0
Goulburn.	b	64	31	0
Wagga...	b	70	40	0
Cape Geo.	b	62	.	0
Queanb'an	b	61	35	0
Deniliquin	b	66	37	0
Albury...	b	64	35	0
Bodalla ..	b	74	38	0
Cooma...	u	63	30	0
Eden.....	b	65	50	0
Gabo Isld	b	65	51	0



WEATHER MAP.

7 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

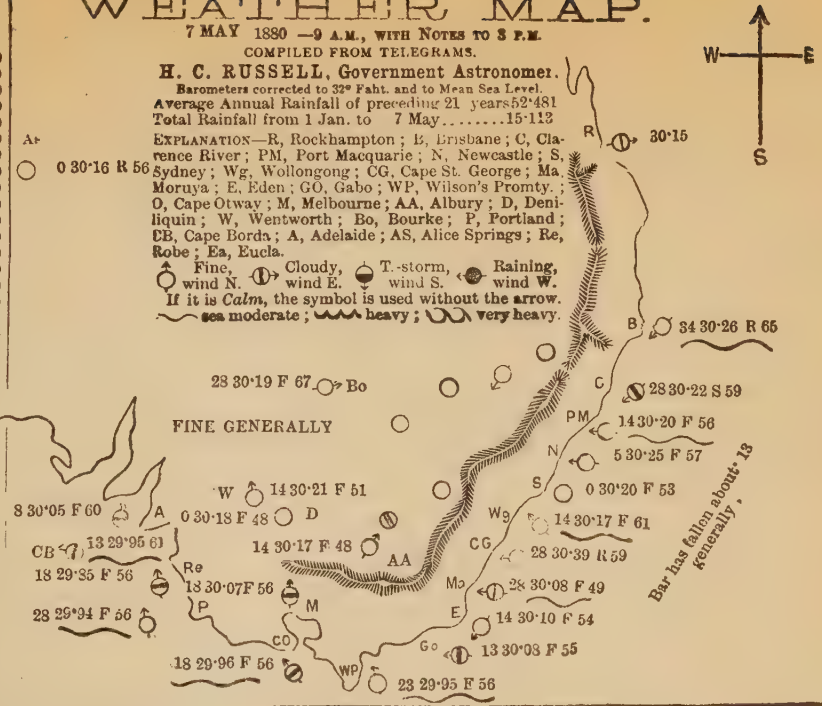
Total Rainfall from 1 Jan. to 7 May.....15·113

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	Weather	Max	Min	Rain
Casino....	c	75	57	0
Tenterfi'ld	b	66	..	0
Grafton..	u	77	56	0
Inverell..	b	65	38	0
Bourke ..	b	73	44	0
Narrabri..	b	72	45	0
Armidale .	u	67	29	0
Bend'meer	b	68	29	0
Gunnedah	b	82	38	0
Coonab'an	b	69	33	0
P. Macqrie	b	70	53	0
Murr'undi	b	64	45	0
Cassilis ..	n	65	..	0
Mus'brook	b	72	40	0
Dubbo...	b	65	42	0
Mudgee ..	b	73	40	0
Maitland .	b	67	50	0
Newcastle	b	71	49	0
Orange ..	b	59	33	0
Rathurst..	b	66	31	0
Mt Victoria	b	57	30	0
Forbes...	b	78	40	0
SYDNEY	b	66	50	0
Wentw'th	b	71	40	0
Young...	b	67	40	0
Woll'gong	c	70	48	0
Moss Vale	n	58	37	0
Euston...	b	82	37	0
Goulburn.	b	64	32	0
Wagga...	b	72	40	0
Cape Geo.	b	67	.	0
Queanb'an	b	62	35	0
Deniliquin	b	65	57	0
Albury...	b	63	37	0
Bodalla ..	fl	75	36	0
Cooma...	fn	64	31	0
Eden.....	b	65	48	0
Gabo Isld.	b	64	51	0

WEATHER MAP.

8 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 8 May.....15·113

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rn
Casino....	b	84	55	0
Tenterfi'ld	g	68	..	0
Grafton..	b	80	53	0
Inverell..	o	69	38	0
Bourke ..	b	85	57	0
Narrabri..	b	73	51	0
Armidale .	o	67	32	0
Bennd'mea	b	67	34	0
Gunnedah	b	82	39	0
Coonab'an	o	72	44	0
P. Macqrie	b	73	52	0
Murr'undi	o	67	54	0
Cassilis ..	b	69	..	0
Mus'brook	b	75	45	0
Dubbo...	g	69	45	0
Mudgee ..	b	73	40	0
Maitland .	b	70	48	0
Newcastle	b	73	50	0
Orange ..	g	60	42	0
Bathurst..	g	65	36	0
McVictoria	g	58	35	0
Forbes...	g	82	47	0
SYDNEY	b	71	54	0
Wentw'th	b	75	44	0
Young...	b	64	47	0
Woll'gong	b	71	53	0
Moss Vale	b	64	46	0
Euston...	o	72	44	0
Goulburn.	b	64	45	0
Wagga...	b	72	41	0
Cape Geo.	b	71	..	0
Queanb'an	b	61	39	0
Deniliquin	g	66	49	0·05
Albury...	o	65	36	0
Bodalla ..	b	74	43	0
Cooma...	p	64	47	0
Eden...	g	63	51	0
Gabo Isld	g	69	54	0

WEATHER MAP.

10 MAY 1885—9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Fahr. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

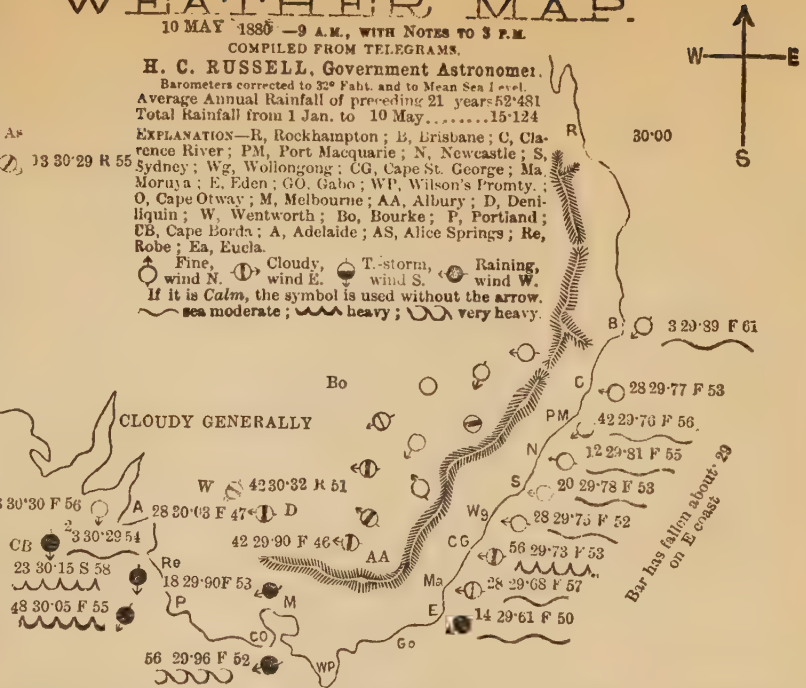
Total Rainfall from 1 Jan. to 10 May.....15·124

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	W'th'r	Max	Min	Rain
Casino....	b	79	54	0
Tenterfi'ld	b	67	..	0·24
Grafton..	b	75	51	0
Inverell..	b	66	37	0·07
Bourke ..	..	..	..	..
Narrabri..	b	71	46	0·08
Armidale .	u	60	20	0·19
Bennd'mer	u	69	30	0·43
Gunnedah	.	..	.	..
Coonab'an	u	57	40	0·12
P. Macqrie	b	69	49	0
Murr'undi	b	64	44	0·10
Cassilis ..	b	55	..	0
Mus'brook	b	66	47	0·07
Dubbo...	c	64	43	0
Mudgee ..	u	71	43	0·11
Maitland .	b	74	48	0·11
Newcastle	b	69	48	0
Orange ..	u	45	34	0·07
Bathurst..	b	63	39	0·17
Mt Victoria	c	60	32	0
Forbes...	c	72	37	0
SYDNEY	b	61	50	0
Wentw'th	b	63	43	0
Young...	u	53	43	0·30
Woll'gong	b	65	46	0
Moss Vale	b	48	38	0
Euston...	u	70	38	0
Goulburn.	u	49	38	0·27
Wagga...	u	60	39	0·25
Cape Geo.	b	52	.	0·06
Queanb'an	b	64	39	0·02
Deniliquin	u	61	40	0
Albury...	u	52	39	0·31
Bodalla ..	p	68	35	0·10
Cooma...	c	55	34	0·07
Eden.....	..	..	..	..
Gabo Isld	..	..	..	..

WEATHER MAP.

11 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 11 May.....15·142

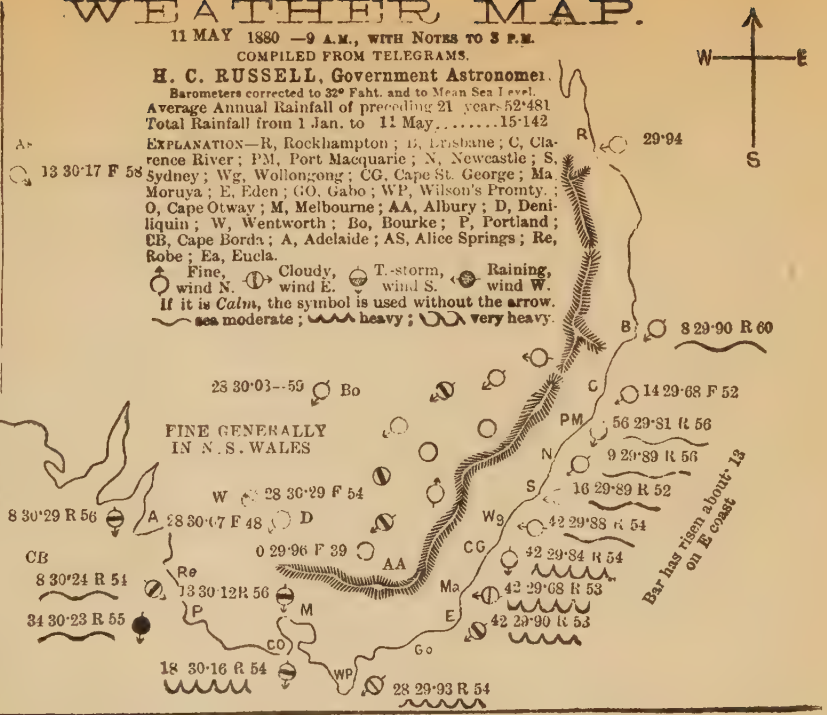
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weather	Max	Min	Rain
Casino....	b	76	47	0
Tenterfi'ld	b	84	..	0
Grafton..	b	74	45	0
Inverell..	b	69	38	0
Bourke ..	b	70	46	0
Narrabri..	b	68	43	0
Armidale .	u	55	30	0·17
Beend'mer	u	56	31	0
Grenfell	b	82	36	0
Coonab'an	c	56	43	0
P. Macqrie	b	65	51	0
Murr'undi	o	67	43	0
Cassilis ..	.	..	.	..
Mus'brook	b	61	37	0
Dubbo...	b	58	44	0
Mudgee ..	b	60	39	0
Maitland .	b	62	47	0
Newcastle	b	70	47	0
Orange ..	b	45	38	0·32
Bathurst..	b	48	38	0
Mt Victoria	b	46	22	0
Forbes...	b	59	36	0
SYDNEY	b	61	48	0·02
Wentw'th	f	62	56	0
Young...	b	57	38	0·13
Woll'gong	c	62	49	0·09
Moss Vale	b	46	37	0·18
Euston...	b	71	40	0
Goulburn.	b	49	34	0
Wagga ..	b	55	39	0
Cape Geo.	b	56	..	0·31
Queanb'an	b	54	51	0
Deniliquin	b	61	40	0
Albury...	b	58	34	0·11
Bodalla ..	b	57	37	0·19
Cooma...	c	50	35	0·11
Eden....	u	53	47	0·55
Gabo Isld	..	..	..	..



WEATHER MAP.

12 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

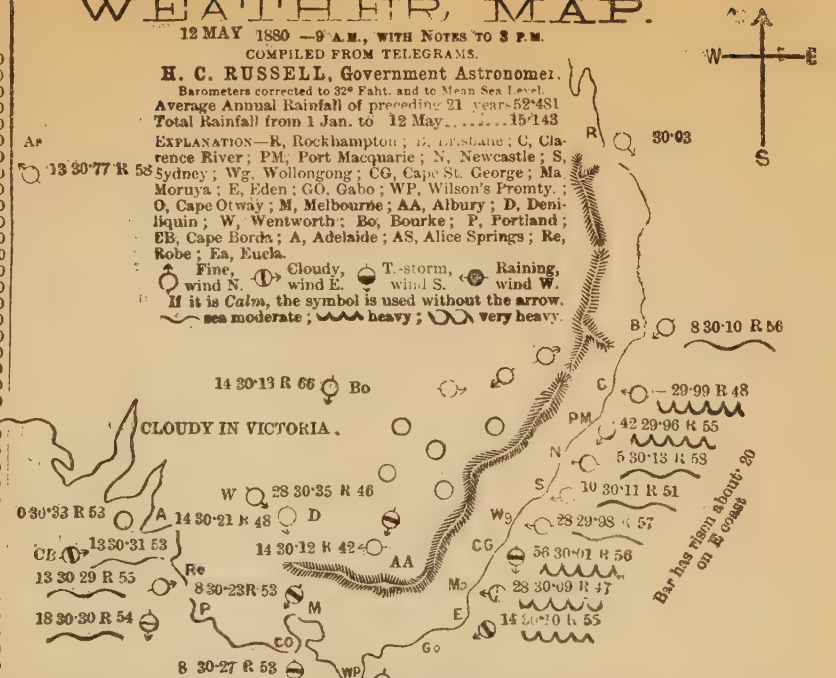
Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 12 May.....15·143

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W. If it is *Calm*, the symbol is used without the arrow. sea moderate; heavy; very heavy.



Stations	W'th'r	Max	Min	Rn
Casino....	b	74	46	0
Tenterfi'ld	b	58	..	0
Grafton..	b	76	42	0
Inverell..	n	58	30	0
Bourke ..	b	58	42	0
Narrabri..	b	61	40	0
Armidale .	b	57	20	0
Bennd'mer	b	60	..	0
Gunnedah	b	76	28	0
Coonab'an	b	62	28	0
P. Macqrie	b	64	46	0
Murr'undi	b	77	30	0
Cassilis ..	b	63	..	0
Mus'brook	b	64	35	0
Dubbo...	b	60	38	0
Mudgee ..	n	71	31	0
Maitland .	b	61	44	0
Newcastle	b	62	50	0
Orange ...	b	49	30	0
Bathurst..	fn	55	27	0
Mt Victoria	n	50	23	0
Forbes...	b	72	34	0
13 30·24	59	ka		
SYDNEY	b	61	48	0
Wentw'th	c	65	34	0
Young...	n	58	36	0
Woll'gong	b	67	51	0
Moss Vale	b	49	36	0
Euston...	b	74	42	0
Goulburn.	b	59	30	0
Wagga...	b	68	35	0
Cape Geo.	c	57	.	0
Queanb'an	b	58	40	0
Deniliquin	b	62	41	0
Albury...	b	62	32	0
Bodalla'..	c	64	40	0
Cooma ...	c	50	39	0
Eden....	u	58	47	0
Gabo Isld	..	..	..	..

WEATHER MAP.

13 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

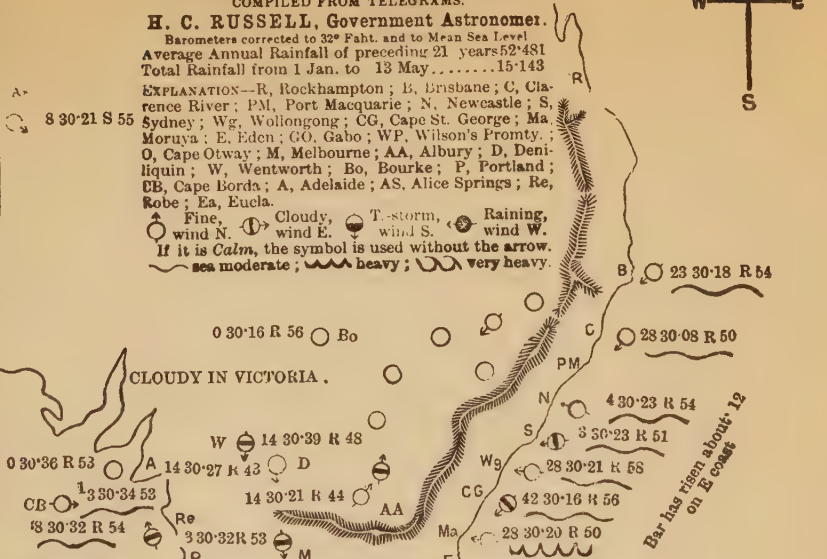
Total Rainfall from 1 Jan. to 13 May.....15·143

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	W'th'r	Max	Min	Rain
Casino....	b	80	46	0
Tenterfi'ld	u	61	21	0
Grafton..	b	75	44	0
Inverell..	b	59	35	0
Bourke ..	b	71	42	0
Narrabri..	b	65	43	0
Armidale .	b	58	21	0
Bennd'mer	b	62	..	0
Gunnedah	..	..	..	..
Coonab'an	b	64	26	0
P. Macqrie	..	.	..	..
Murr'undi	b	58	37	0
Cassilis ..	.	..	.	.
Mus'brook	b	63	33	0
Dubbo...	b	60	39	0
Mudgee ..	n	71	35	0
Maitland .	b	61	43	0
Newcastle	b	64	46	0·05
Orange ..	b	53	32	0
Bathurst..	n	61	28	0
MtVictoria	c	51	23	0
Forbes...	b	75	38	0
13 30·28	62	Ea		
SYDNEY	c	62	48	0
Wentw'th	u	64	40	0
Young...	b	59	37	0
Woll'gong	b	68	50	0
Moss Vale	n	51	35	0
Euston...	u	70	38	0
Goulburn.	b	59	29	0
Wagga...	b	68	35	0
Cape Geo.	c	61	.	0·46
Queanb'an	..	..	..	..
Deniliquin	b	64	36	0
Albury...	b	62	34	0
Bodalla ..	b	70	41	0
Cooma...	c	54	35	0·01
Eden.....	c	64	46	0
Gabo Isld	c	60	53	0·03

WEATHER MAP.

14 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Fahr. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years-52·481

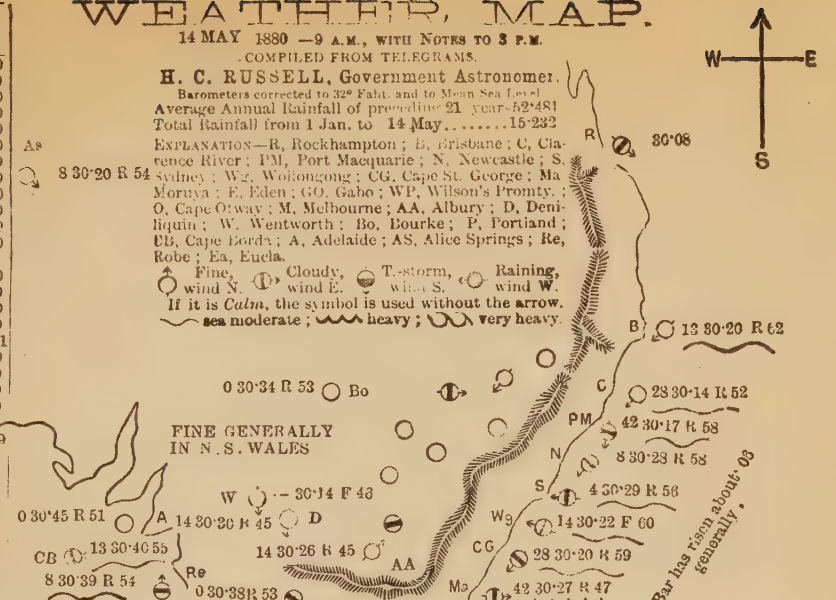
Total Rainfall from 1 Jan. to 14 May.....15·232

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations				
Casino....	b	77	46	0
Tenterfi'ld	b	62	..	0
Grafton..	b	67	52	0
Inverell..	b	60	35	0
Bourke ..	b	72	12	0
Narrabri..	c	61	43	0
Armidale .	b	59	26	0
Bendemeer	b	62	21	0
Gunnedah	b	72	34	0
Coonabar	b	66	29	0
P. Macqrie	q	69	53	0
Murr'umdi	b	61	38	0
Cassilis ..		..	.	.
Mus'brook	u	65	41	0
Dubbo....	b	57	32	0
Mudgee ..	b	75	37	0
Maitland .	u	62	49	0
Newcastle	c	66	54	0·01
Orange ..	b	53	34	0
Bathurst..	b	61	33	0
Mt Victoria	u	57	30	0
Forbes...	b	77	39	0
18 30·31 60				
SYDNEY	c	63	51	0·09
Wentw'th	b	62	38	0
Young...	b	61	42	0
Woll'gong	c	69	51	0
Moss Vale	u	54	42	0
Euston....	u	71	40	0
Goulburn.	b	60	31	0
Wagga...	b	69	38	0
Cape Geo.	b	59	.	0
Queanb'an	b	59	35	0
Deniliquin	b	63	35	0
Albury...	b	63	30	0
Bodalla ..	b	67	37	0
Cooma....	b	53	28	0
Eden.....	b	62	50	0
Gabo Isld	b	59	50	0

WEATHER MAP.

15 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Fahr. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 15 May.....15·236

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; EB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Lucia.

Fine, wind N. Cloudy, wind E. Thunderstorm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weather	Max	Min	Rain
Casino....	b	83	53	0
Tenterfi'ld	c	54	..	0
Grafton..	u	76	53	0
Inverell..	b	63	35	0
Bourke ..	b	72	41	0
Narrabri..	b	60	45	0
Armidale..	u	59	27	0·18
Bendemeer	b	66	25	0
Guanedah	b	73	34	0
Coonabar	b	70	27	0
P. Macqrie	..	..	..	..
Murr'undi	f	55	39	0
Cassilis ..		..	.	.
Mus'brook	f	67	42	0
Dubbo...	f	62	42	0
Mudgee ..	f	76	37	0
Maitland .	b	66	46	0
Newcastle	b	66	47	0
Orange ..	b	56	32	0
Bathurst..	f	60	31	0
Mt Victoria	b	55	25	0
Forbes...	o	76	42	0
SYDNEY	b	63	51	0
Wentw'th	b	64	34	0
Young...	f	65	38	0
Woll'gong	b	66	48	0
Moss Vale	b	54	40	0
Euston...	u	75	31	0
Goulburn.	b	62	32	0
Wagga...	c	69	37	0
Cape Geo.	..	..	..	
Queanb'an	f	60	37	0
Deniliquin	u	62	35	0
Albury...	f	66	34	0
Bodalla ..	b	72	43	0
Cooma...	c	62	35	0
Eden.....	u	61	51	0
Gabo Isld	u	60	53	0

WEATHER MAP.

17 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 17 May.....15·245

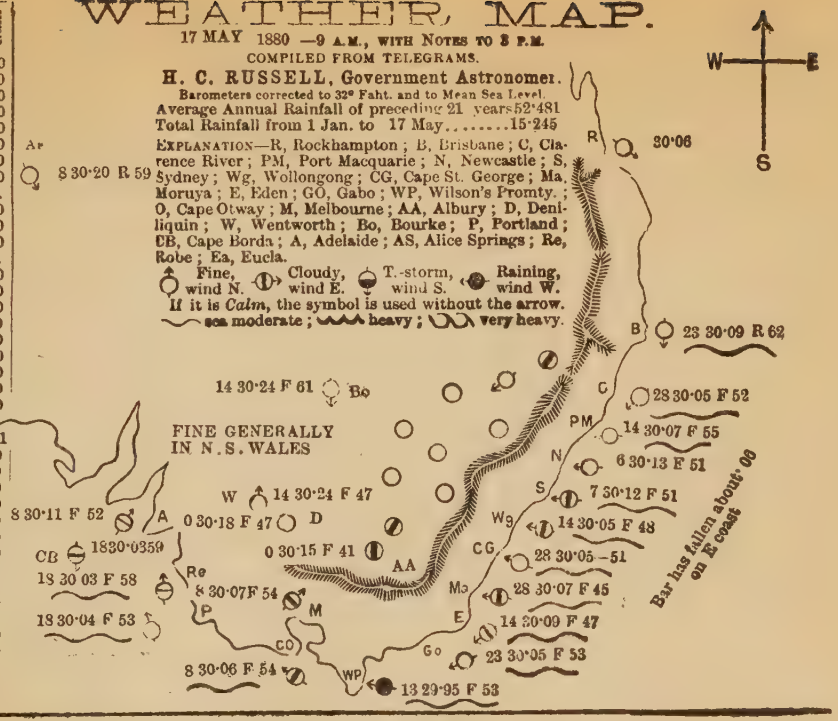
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	82	57	0
Tenterfi'ld	u	64	44	0
Grafton..	b	75	49	0
Inverell..	b	66	36	0
Bourke ..	b	73	45	0
Narrabri..	b	67	43	0
Armidale .	b	57	20	0
Bendemeer	b	65	21	0
Gunnedah	..	..	..	..
Coonab'an	b	67	28	0
P. Macqrie	b	67	49	0
Murr'undi	b	59	37	0
Cassilis ..	.	..	.	.
Mus'brook	b	66	34	0
Dubbo...	b	64	41	0
Mudgee ..	n	71	34	0
Maitland .	b	67	45	0
Newcastle	b	66	46	0
Orange ..	n	54	29	0
Bathurst..	fn	62	30	0
Mt Victoria	n	56	24	0
Forbes...	b	75	35	0
SYDNEY	b	64	48	0·01
Wentw'th	b	68	41	0
Young...	n	61	37	0
Woll'gong	c	69	47	0
Moss Vale	n	54	36	0
Euston...	b	69	35	0
Goulburn.	f	60	27	0
Wagga...	f	59	38	0
Cape Geo.	c	66	.	0
Queanb'an	f	59	33	0
Deniliquin	b	64	38	0
Albury ..	f	60	34	0
Bodalia ..	n	72	34	0
Cooma ..	n	63	25	0
Eden.....	b	60	45	0
Gabo Isld	b	60	50	0



WEATHER MAP.

18 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 18 May.....15·247

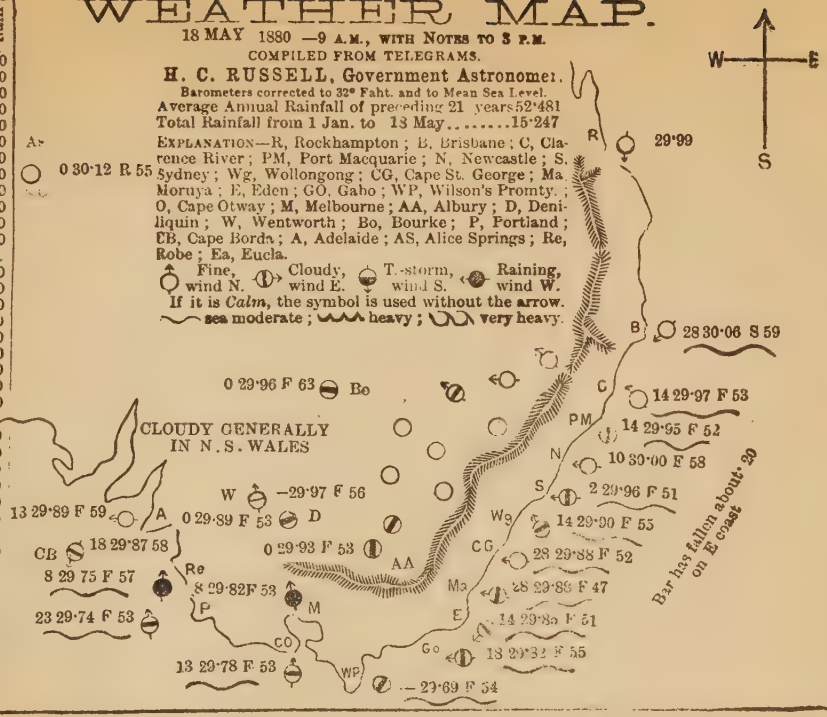
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	81	50	0
Tenterfi'ld	b	63	26	0
Grafton..	b	76	49	0
Inverell..	b	64	34	0
Bourke ..	c	75	48	0
Narrabri..	u	62	45	0
Armidale .	b	58	28	0
Bendemeer	b	64	20	0
Gunnedah	b	76	31	0
Coonab'an	b	66	33	0
P. Macqrie	u	68	48	0
Murr'undi	b	60	41	0
Cassilis ..	.	..	..	.
Mus'brook	b	69	43	0
Dubbo...	b	60	42	0
Mudgee ..	n	73	35	0
Maitland .	b	63	44	0
Newcastle	b	69	50	0
Orange ..	n	50	30	0
Bathurst..	u	58	28	0
MtVictoria	c	52	24	0
Forbes...	b	74	47	0
SYDNEY	c	61	46	0
Wentw'th	c	70	48	0
Young...	u	57	38	0
Woll'gong	c	69	46	0
Moss Vale	c	70	40	0
Euston...	u	75	41	0
Goulburn.	u	55	34	0
Wagga...	u	57	34	0
Cape Geo.	b	63	.	0
Queanb'an	f	50	34	0
Deniliquin	b	64	41	0
Albury...	u	52	38	0
Bodalla ..	n	71	35	0
Cooma...	c	59	27	0
Eden.....	u	60	46	0
Gabo Isld.	u	66	52	0



WEATHER MAP.

19 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 19 May.....15·247

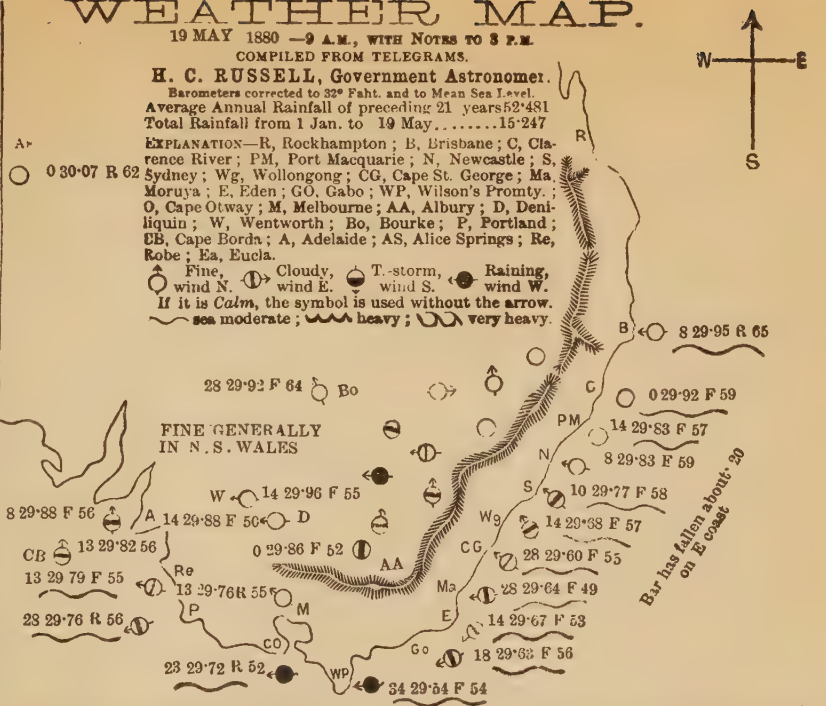
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weth'r	Max	Min	Rain
Casino....	b	80	47	0
Tenterfi'ld	b	65	29	0
Grafton..	b	77	50	0
Inverell..	b	64	37	0
Bourke ..	b	80	43	0
Narrabri..	b	64	44	0
Armidale .	u	59	29	0
Bendemeer	b	83	27	0
Gunnedah	b	75	32	0
Coonab'an	b	64	29	0
P. Macqrie	b	67	50	0
Murr'undi	c	61	47	0
Cassilis ..	.	..	.	.
Mus'brook	b	70	43	0
Dubbo...	b	61	41	0
Mudgee ..	b	66	39	0
Maitland .	b	64	46	0
Newcastle	b	69	48	0
Orange ...	u	55	37	0·05
Bathurst..	c	57	32	0·07
Mt Victoria	b	53	30	0
Forbes...	u	72	48	0·49
SYDNEY	b	62	52	0
Wentw'th	b	71	48	0
Young...	p	56	44	0
Woll'gong	c	69	47	0
Moss Vale	r	51	42	0·03
Euston...	u	72	45	0·10
Goulburn.	u	58	39	0·17
Wagga...	u	52	43	0·11
Cape Geo.	u	58	.	0
Queanb'an	b	52	38	0
Deniliquin	b	53	46	0
Albury...	u	57	45	0·10
Bodalla ..	u	68	38	0
Cooma...	u	51	37	0
Eden.....	u	60	48	0
Gabo Isld.	u	67	54	0



WEATHER MAP.

20 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

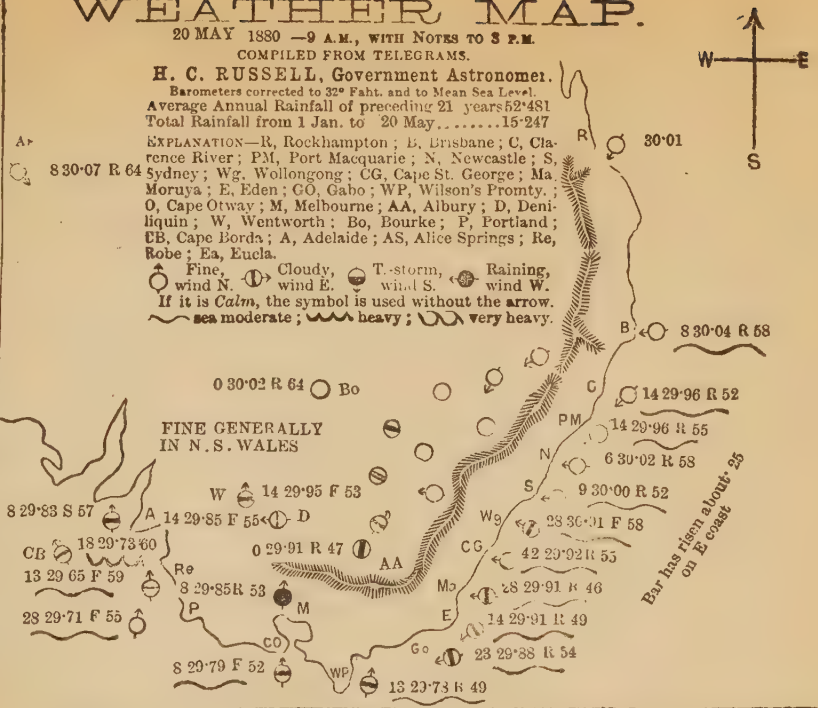
Total Rainfall from 1 Jan. to 20 May.....15·247

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	With r	Max	Min	Rain
Casino....	b	79·44		0
Tenterfi'ld	b	63·29		0
Grafton..	c	78·43		0
Inverell..	b	62·33		0
Bourke ..	b	79·45		0
Narrabri..	b	62·43		0
Armidale .	u	59·31		0
Bendemeer	b	61·26		0
Gunnedah	b	78·21		0
Coonab'an	b	68·30		0
P. Macqrie	b	70·47		0
Murr'undi	b	63·44		0
Cassilis ..	.	..	.	.
Mus'brook	b	72·43		0
Dubbo...	b	61·46		0
Mudgee ..	b	65·38		0
Maitland .	b	67·45		0
Newcastle	b	73·49		0
Orange ..	u	54·34		0·22
Bathurst..	u	56·34		0·08
MtVictoria	b	50·27		0
Forbes...	u	75·46		0
8 29·81 63 Ea				
SYDNEY	b	66·48		0
Wentw'th	c	72·45		0
Young...	u	57·38		0·09
Woll'gong	b	68·53		0
Moss Vale	b	53·38		0
Euston...	c	64·38		0
Goulburn.	b	56·37		0·21
Wagga...	u	62·41		0
Cape Geo.	b	58·.		0
Queanb'an	b	55·35		0
Deniliquin	u	58·51		0
Albury...	c	61·39		0
Bodalla ..	u	73·33		0
Cooma...	c	60·37		0
Eden....	c	61·47		0
Gabo Isld	u	64·53		0

WEATHER MAP.

21 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

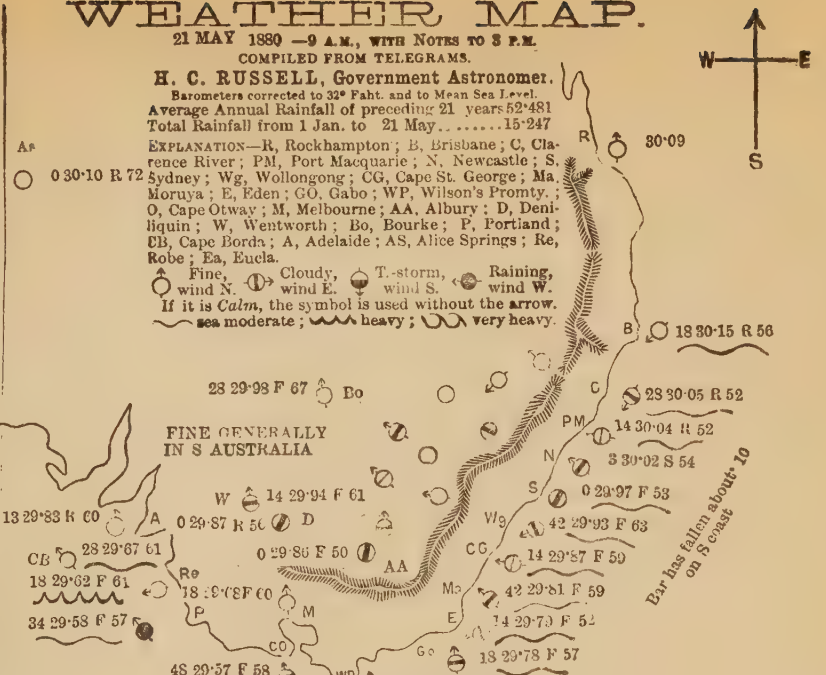
Total Rainfall from 1 Jan. to 21 May.....15·247

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	W'th'r	Max	Min	Rain
Casino....	b	77	41	0
Tenterfi'ld	b	64	25	0
Grafton..	b	77	45	0
Inverell..	b	61	35	0
Bourke ..	b	81	55	0
Narrabri..	b	68	46	0
Armidale .	c	58	28	0
Bendemeer	b	64	23	0
Gunnedah	b	..	..	0
Coonab'an	b	67	43	0
P. Macqrie	u	68	48	0
Murr'undi	b	61	44	0
Cassilis ..	.	..	.	.
Mus'brook	b	68	40	0
Dubbo...	u	63	45	0
Mudgee ..	u	67	39	0
Maitland .	b	67	45	0
Newcastle	u	68	49	0
Orange ..	u	56	40	0
Bathurst..	b	59	35	0
MtVictoria	c	55	30	0
Forbes...	u	70	49	0
SYDNEY	b	66	48	0
Wentw'th	u	74	..	0
Young...	u	60	44	0
Woll'gong	c	72	49	0
Moss Vale	u	54	42	0
Euston...	u	72	44	0
Goulburn.	b	63	42	0
Wagga...	u	67	43	0
Cape Geo.	c	62	.	0
Queanb'an	b	58	40	0·05
Deniliquin	u	62	52	0
Albury...	c	56	45	0·01
Bodalla ..	u	71	40	0
Cooma...	c	56	39	0
Eden....	u	58	48	0
Gabo Isld	u	67	54	0

WEATHER MAP.

22 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 22 May.....15·247

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	82	43	0
Tenterfi'ld	b	67	27	0
Grafton..	b	77	49	0
Inverell..	b	69	37	0
Bourke ..	b	61	48	0
Narrabri..	b	74	44	0
Armidale .	b	59	30	0
Bendemeer	b	67	24	0
Gunnedah	..	..	..	..
Coonab'an	b	71	40	0
P. Macqrie	c	70	41	0
Murr'undi	b	64	53	0
Cassilis ..	..	..	.	.
Mus'brook	u	73	43	0
Dubbo...	u	65	46	0
Mudgee ..	u	68	38	0
Maitland .	u	68	49	0
Newcastle	u	67	54	0
Orange ..	b	59	40	0
Bathurst..	b	65	38	0
MtVictoria	b	60	36	0
Forbes...	c	78	49	0
SYDNEY	c	72	53	0
Wentw'th	b	70	43	0
Young...	n	64	44	0
Woll'gong	b	78	55	0
Moss-Vale	b	62	49	0
Euston...	..	..	..	..
Goulburn.	b	66	50	0
Wagga...	..	..	..	..
Cape Geo.	b	67	.	0
Queanb'an	b	64	48	0
Deniliquin	..	..	..	..
Albury...	b	67	39	0
Bodalla ..	b	74	38	0
Cooma...	b	67	40	0
Eden.....	b	64	49	0
Gabo Isld.	b	70	54	0

WEATHER MAP.

24 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

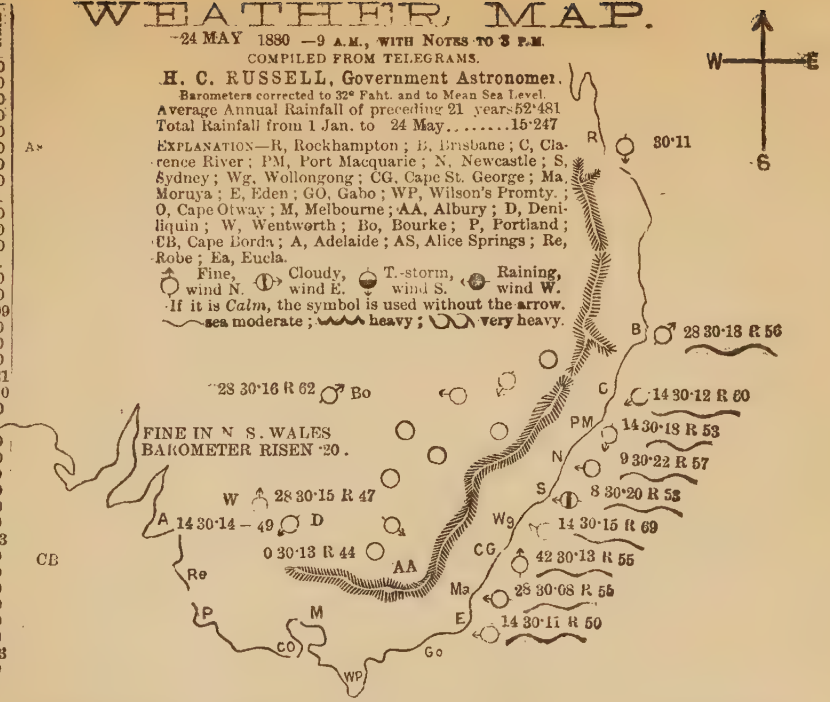
Total Rainfall from 1 Jan. to 24 May.....15·247

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	W'th'r	Max	Min	Rain
Casino....	b	83	42	0
Tenterfi'ld	b	71	30	0
Grafton..	b	81	49	0
Inverell..	b	70	33	0
Bourke ..	b	78	60	0
Narrabri..	b	76	44	0
Armidale .	b	59	23	0
Bendemeer	b	74	24	0
Gunnedah	..	..	..	..
Coonab'an	n	73	27	0
P. Macqrie	b	75	47	0
Murr'undi	b	70	48	0
Cassilis ..	.	..	.	.
Mus'brook	b	75	40	0
Dubbo...	b	62	40	0
Mudgee ..	n	74	36	0·09
Maitland .	b	73	55	·0
Newcastle	b	77	49	·0
Orange ..	n	55	30	0
Bathurst..	b	71	33	0·21
Mt Victoria	u	66	27	0·10
Forbes...	b	73	45	0
		E.		
SYDNEY	b	71	49	0
Wentw'th	b	70	39	0
Young...	b	63	37	0
Woll'gong	b	69	51	0
Moss Vale	b	57	40	0
Euston...	b	73	45	0
Goulburn.	b	58	37	0·13
Wagga...	n	75	39	0
Cape Geo.	b	56	.	0
Queanb'an	b	69	38	0
Deniliquin	b	73	42	0
Albury...	b	70	37	0
Bodalla ..	b	68	33	0
Cooma...	n	56	27	0·03
Eden.....	b	64	46	0
Gabo Isld	.	..	..	..

WEATHER MAP.

25 MAY 1880 9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 25 May.....15·247

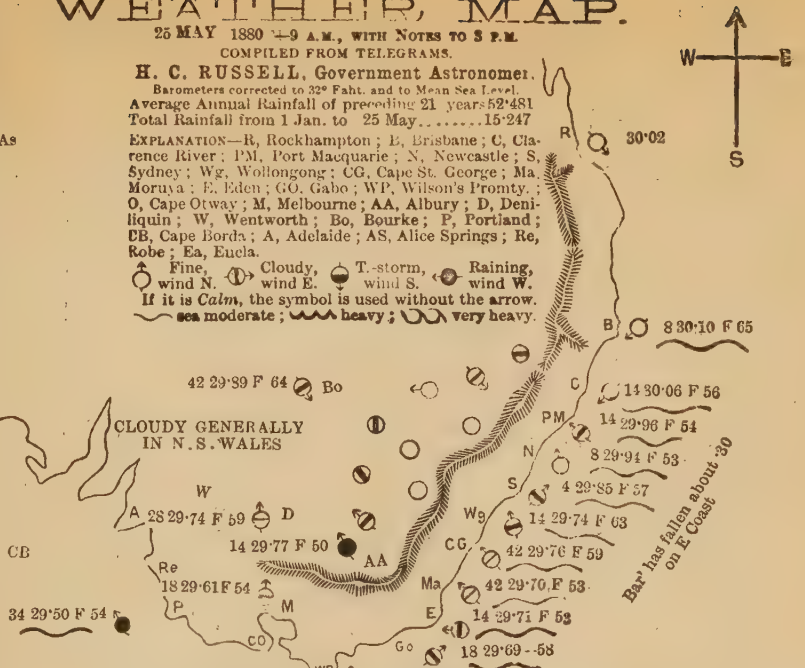
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	81	48	0
Tenterfi'ld	u	60	27	0
Grafton..	b	78	49	0
Inverell..	u	86	37	0
Bourke ..	c	79	54	0
Narrabri..	b	70	48	0
Armidale .	b	58	25	0
Bendemeer	u	67	32	0
Gunnedah	b	86	28	0
Coonab'an	b	72	30	0
P. Macqrie	u	67	45	0
Murr'undi	b	62	40	0
Cassilis ..	.	..	.	.
Mus'brook	b	69	34	0
Dubbo...	c	61	42	0
Mudgee ..	n	74	36	0
Maitland .	b	63	40	0
Newcastle	b	76	49	0
Orange ..	c	57	38	0
Bathurst..	n	61	33	0
MtVictoria	b	65	36	0
Forbes...	c	71	49	0
		E.		
SYDNEY	c	65	49	0
Wentw'th	..	.	..	..
Young...	c	60	40	0
Woll'gong	c	72	52	0
Moss Vale	u	58	42	0
Euston...	b	69	43	0
Goulburn.	u	32	35	0
Wagga...	r	69	44	0·07
Cape Geo.	b	59	.	0
Queanb'an	b	60	36	0
Deniliquin	b	65	45	0
Albury...	r	66	42	0·63
Bodalla ..	u	72	38	0
Cooma ...	c	61	34	0
Eden.....	u	62	50	0
Gabo Isld.	u	74	50	0



WEATHER, MAP.

26 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 26 May.....15·549

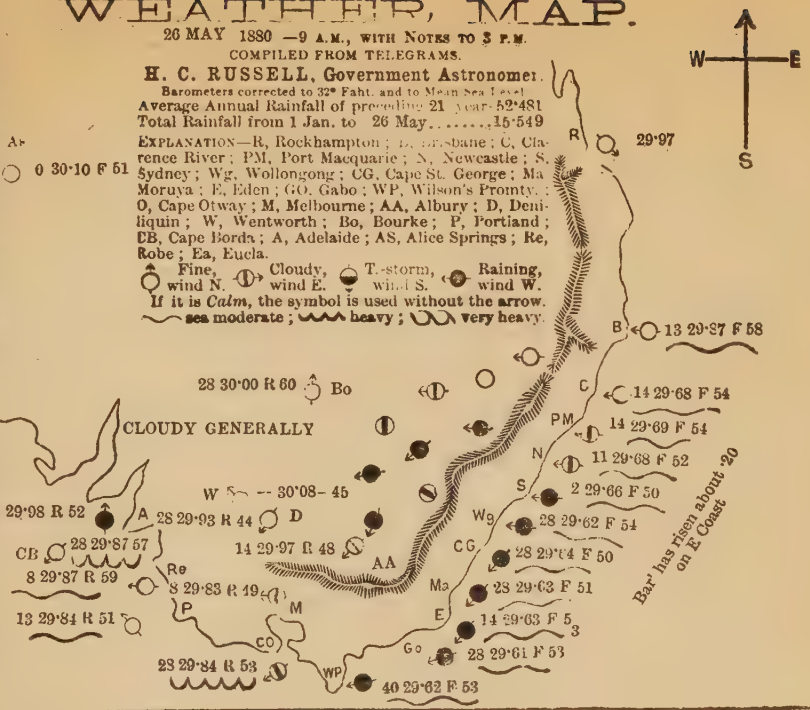
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	83	50	0·37
Tenterfi'ld	r	61	30	1·02
Grafton..	b	75	46	0·40
Inverell..	r	64	43	0·55
Bourke ..	b	70	40	0·12
Narrabri..	c	72	52	0·66
Armidale .	u	56	20	0
Bendemeer	r	65	29	1·03
Gunnedah	u	82	40	0·90
Coonab'an	u	69	42	0·74
P. Macqrie	c	71	49	0·31
Murr'undi	r	66	44	0·80
Cassilis ..	.	..		0·63
Mus'brook	r	74	40	0·40
Dubbo.. .	u	62	46	0·42
Mudgee ..	p	74	36	2·40
Maitland .	u	65	47	0·20
Newcastle	u	72	48	0·08
Orange ..	r	59	38	0·92
Bathurst..	p	64	37	0·76
MtVictoria	b	63	27	0·90
Forbes...	u	72	44	0·48
SYDNEY	r	71	50	0·30
Wentw'th	l	63	37	0·07
Young...	p	57	46	0·32
Woll'gong	p	72	50	0·38
Moss Vale	r	61	43	0·94
Euston. ..	b	72	41	0·09
Goulburn.	u	63	42	0·14
Wagga...	p	51	46	1·05
Cape Geo.	r	66	.	0·17
Queanb'an	u	57	41	1·82
Deniliquin	b	59	38	0·10
Albury. ..	u	54	44	1·01
Bodalla ..	r	64	47	0·06
Cooma ...	r	57	40	0·18
Eden	r	58	51	0·28
Gabo Isld.	r	63	51	0·33



WEATHER MAP.

27 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 27 May.....15·658

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	65	44	0
Tenterfi'ld	b	48	25	0
Grafton..	b	65	49	0
Inverell..	b	62	30	0·05
Bourke ..	c	64	41	0
Narrabri..	b	60	41	0
Armidale .	b	50	20	0
Bendemeer	b	49	25	0·19
Gunnedah	..	..	..	..
Coonab'an	b	53	40	0
P. Macqrie	b	63	48	0
Murr'undi	b	50	42	0·11
Cassilis ..	..	..	..	..
Mus'brook	b	58	42	0
Dubbo...	b	66	42	0
Mudgee ..	u	65	30	0
Maitland .	b	60	48	0
Newcastle	r	72	47	0·01
Orange ..	u	44	33	0·09
Bathurst..	b	47	38	0
MtVictoria	u	48	22	0
Forbes...	u	75	59	0
SYDNEY	u	58	50	0·11
Wentw'th	c	63	41	0
Young...	c	50	39	0
Woll'gong	c	68	47	0
Moss Vale	r	48	38	0·24
Euston...	b	75	35	0
Goulburn.	r	62	37	0·27
Wagga...	b	56	38	0
Cape Geo.	u	54	..	0·75
Queanb'an	r	52	37	0
Deniliquin	b	59	35	0
Albury...	b	55	33	0
Bodalla ..	p	54	44	0·44
Cooma...	r	48	37	1·04
Eden....	..	..	..	..
Gabo Isld	..	..	..	..

WEATHER MAP.

28 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 28 May.....15·674

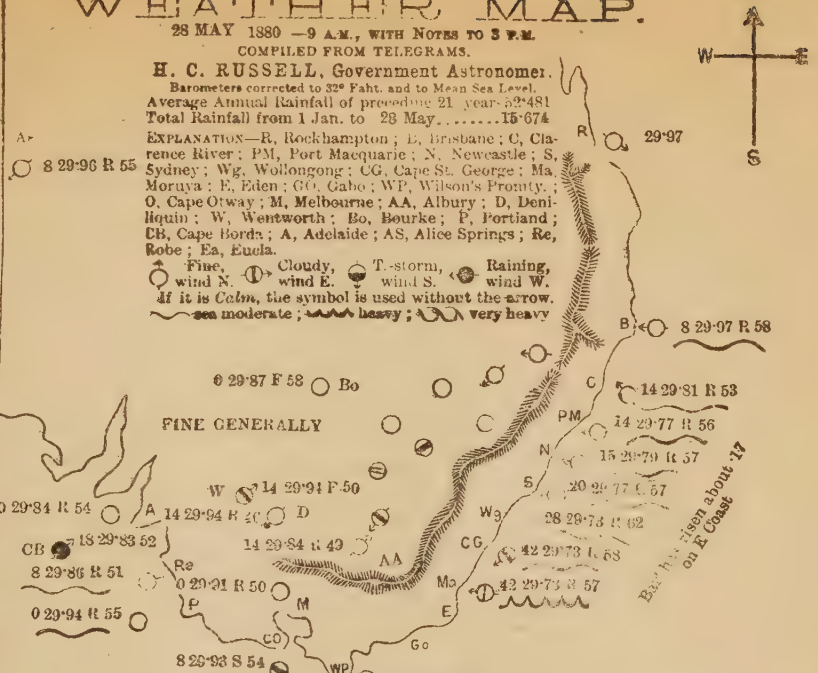
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy

Stations	W'ther	Max	Min	Rain
Casino....	b	67	43	0
Tenterfi'ld	b	51	27	0
Grafton..	b	70	50	0
Inverell..	b	65	30	0
Bourke ..	b	74	44	0
Narrabri..	b	62	41	0
Armidale .	o	56	25	0
Bendemeer	b	52	30	0
Gunnedah	b	66	39	0
Goonab'an	b	58	28	0
P. Macqrie	b	66	47	0
Murr'undi	b	54	43	0
Cassilis ..	b	66	40	0
Mus'brook	b	60	47	0
Dubbo...	b	56	39	0
Mudgee ..	b	61	41	0
Maitland .	b	60	51	0
Newcastle	b	68	48	0·02
Orange ..	b	46	37	0
Bathurst..	c	49	40	0
MtVictoria	c	46	24	0
Forbes...	b	70	46	0
SYDNEY	b	58	51	0·02
Wentw'th	c	68	44	0·11
Young...	u	60	42	0
Woll'gong	b	66	48	0
Moss Vale	b	48	38	0·26
Euston...	u	70	42	0
Goulburn.	b	43	38	0·42
Wagga ..	b	66	40	0
Cape Geo.	c	58	.	0
Queanb'an	b	48	40	0·07
Deniliquin	b	69	36	0
Albury...	b	62	37	0
Bodalia ..	p	63	51	0·02
Cooma...	u	47	37	0·07
Eden....	..	..	..	..
Gabo Isld	..	..	..	..



WEATHER MAP.

29 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to May.....15·674

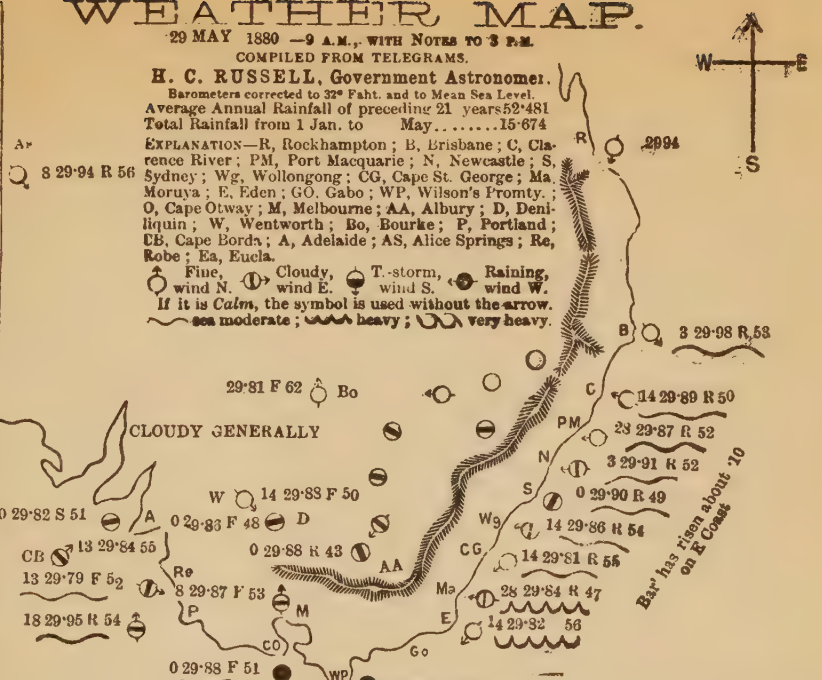
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	70 37		0
Tenterfi'ld	b	58 25		0
Grafton..	b	74 39		0
Inverell..	b	56 30		0
Bourke ..	b	69 43		0
Narra'ri..	b	63 43		0
Armidale .	o	50 19		0
Bendemeer	b	60 21		0
Gunnedah	b	..	..	0
Coon'b'an	th	63 34		0·12
P. Macqrie	t	71 45		0
Murr'undi	o	58 43		0
Cassilis ..	r	60 38		0
Mus'brook	o	68 39		0
Dubbo...	t	59 43		0
Mudgee ..	r	63 30		0
Maitland .	o	64 45		0
Newcastle	g	69 47		0
Orange ..	g	53 32		0
Bathurst..	o	59 33		0
Mt Victoria	o	58 25		0
Forbes...	g	70 49		0
SYDNEY	g	66 47		0
Wentw'th	f	70 44		0
Young...	g	57 41		0
Woll'gong	o	74 45		0
Moss Vale	b	..	..	0
Euston...	b	74 45		0·09
Goulburn.	o	59 31		0
Wagga ..	g	58 42		0
Cape Geo.	b	66 ..		0
Queanb'an	f	62 36		0
Deniliquin	o	64 38		0
Albury...	f	61 35		0
Bodalla ..	b	73 34		0
Cooma...	b	59 26		0
Eden....	..	60 53		0
Gabo Isld	..	..	..	..



WEATHER MAP.

31 MAY 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 31 May .....15·692

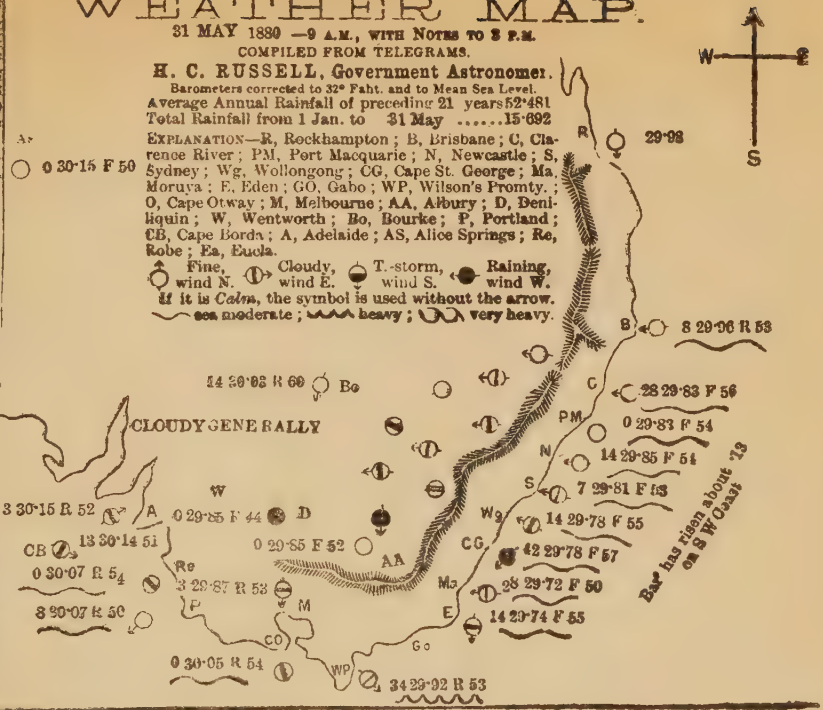
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weather	Max	Min	Rain
Casino....	b	79	42	0
Tenterfi'ld	b	66	29	0·23
Grafton..	b	77	45	0·05
Inverell..	u	61	32	0·20
Bourke ..	b	71	48	0
Narrabri..	b	66	41	0
Armidale .	u	57	27	0
Bendemeer	b	46	39	0
Gunnedah	.	.		.
Coonab'an	u	63	35	0·05
P. Macqrie	b	70	46	0
Murr'undi	b	60	41	0
Cassilis ..	u	64	33	0
Mus'brook	u	68	36	0
Dubbo...	u	66	43	0·31
Mudgee ..	u	69	39	0·20
Maitland .	b	60	40	0
Newcastle	b	68	50	0·02
Orange ..	r	53	38	0·15
Bathurst..	u	57	34	0·07
Mt Victoria	u	53	26	0
Forbes...	u	65	40	0
13 30·18 54 E.				
SYDNEY	u	63	49	0·02
Wentwth	..	..	..	0
Yass....	u	55	44	0·25
Wollgong	u	70	51	0
Mt Vale	r	53	30	0·11
Eden....	n	59	45	0
Goulburn	r	55	39	0·12
Wagga....	u	[illegible]	3	0·15
Cape Geo.	r	5[illegible]		0·05
Queanb'an	c	[illegible]	9	0·25
Deniliquin	b	5[illegible]		0
Albury...	b	[illegible]		0·36
Bodalla ..	p	70	45	0·14
Cooma...	p	57	33	0·27
Eden....	u	61	51	0·25
Gabo Isld	..	..	..	..



WEATHER MAP.

1 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 1 June .....15·724

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	71	58	0
Tenterfi'ld	b	56	21	0
Grafton..	b	72	42	0
Inverell..	b	56	39	0
Bourke ..	b	68	45	0
Narrabri..	b	67	44	0
Armidale .	u	54	29	0
Bendemeer	u	54	31	0
Gunnedah	f.	70	32	0
Coonab'an	n	57	33	0
P. Macqrie	b	66	51	0
Murr'undi	u	54	48	0
Cassilis ..	b	60	32	0
Mus'brook	c	62	44	0
Dubbo...	u	56	44	0
Mudgee ..	f	72	37	0
Maitland .	u	60	54	0
Newcastle	u	66	53	0
Orange ..	b	46	38	0
Bathurst..	b	49	39	0
MtVictoria	b	47	25	0
Forbes...	b	68	49	0
SYDNEY	u	62	52	0·03
Wentw'th	u	63	40	0
Young...	c	57	40	0·05
Woll'gong	u	63	52	0
Moss Vale	c	51	41	0·02
Euston...	n	74	36	0
Goulburn.	b	54	32	0·01
Wagga...	b	61	36	0
Cape Geo.	b	57	.	0·14
Queanb'an	n	56	35	0
Deniliquin	b	49	36	0
Albury...	b	67	35	0
Bodalla ..	p	61	38	0·04
Cooma...	u	52	36	0·04
Eden....	p	61	52	0·10
Gabo Isld	..	..	..	..

18 30·32 54 E.

CLOUDY GENERALLY ROUND COAST.

Bar' has risen about ·30 on E. Coast

R 30·03

B 8 30·04 P. 57

C 14 29·96 R 51

PM 42 29·97 R 59

N 15 30·07 F 57

S 12 30·09 R 52

Wg 42 30·04 R 57

CG 42 29·95 R 57

Ma 28 30·07 R 48

E 14 30·10 R 53

Go 13 30·06 R 53

WP 8 30·16 R 53

CO 8 30·21 R 55

M 8 30·19 R 56

P 3 30·20 R 49

Re 8 30·27 55

CB 0 30·31 F 55

A 0 29·86 F 42

D 0 30·11 R 41

AA 14 30·33 —47

W

Bo

AS 8 30·27 P. 54

WEATHER MAP.

2 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Fahr. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 2 June .....15·726

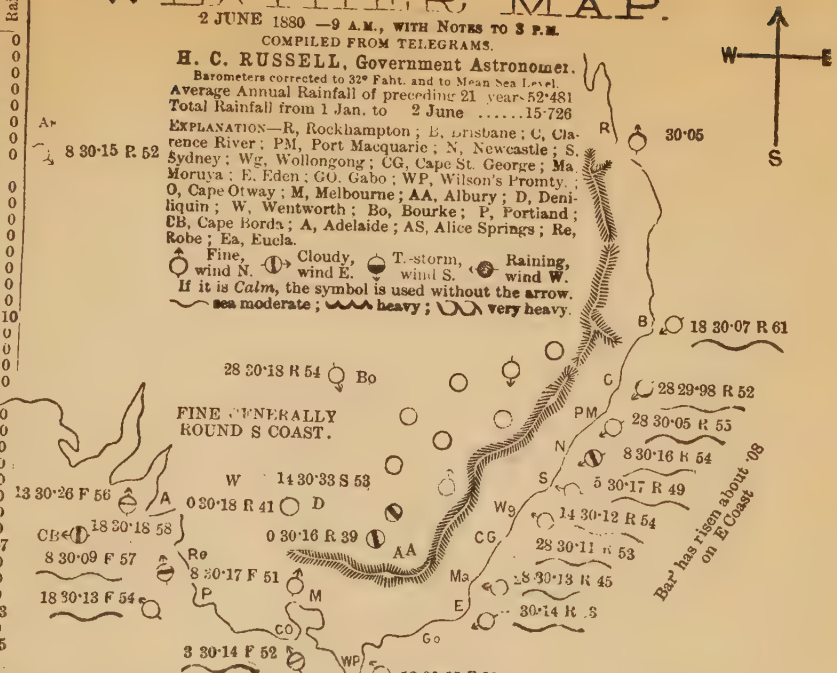
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Wth'r	Max	Min	Rain
Casino....	b	71	43	0
Tenterfi'ld	b	60	25	0
Grafton..	b	73	45	0
Inverell..	b	59	40	0
Bourke ..	b	69	29	0
Narrabri..	b	64	45	0
Armidale .	u	54	39	0
Bendemeer	b	59	32	0
Gunnedah	.	..	..	
Coonab'an	n	63	28	0
P. Macqrie	b	67	49	0
Murr'undi	f	55	40	0
Cassilis ..	b	59	31	0
Mus'brook	u	61	38	0
Dubbo...	b	59	46	0
Mudgee ..	f	62	38	0
Maitland .	b	62	48	0
Newcastle	u	66	49	0·10
Orange ..	b	54	34	0
Bathurst..	b	58	36	0
MtVictoria	b	51	24	0
Forbes...	b	70	38	0
SYDNEY	b	60	47	0
Wentw'th	b	62	43	0
Young...	n	60	38	0
Woll'gong	b	65	46	0
Moss Vale	f	51	36	0
Euston...	f	75	34	0
Goulburn.	f	57	33	0
Wagga ...	f	62	34	0
Cape Geo.	b	57	..	0·07
Queanb'an	n	58	35	0
Deniliquin	n	49	36	0
Albury...	u	63	35	0
Bodalla ..	p	63	36	0·03
Cooma ...	fn	53	20	0
Eden.....	b	59	49	0·05
Gabo Isld	..	..	..	..



WEATHER MAP.

3 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 3 June .....15·730

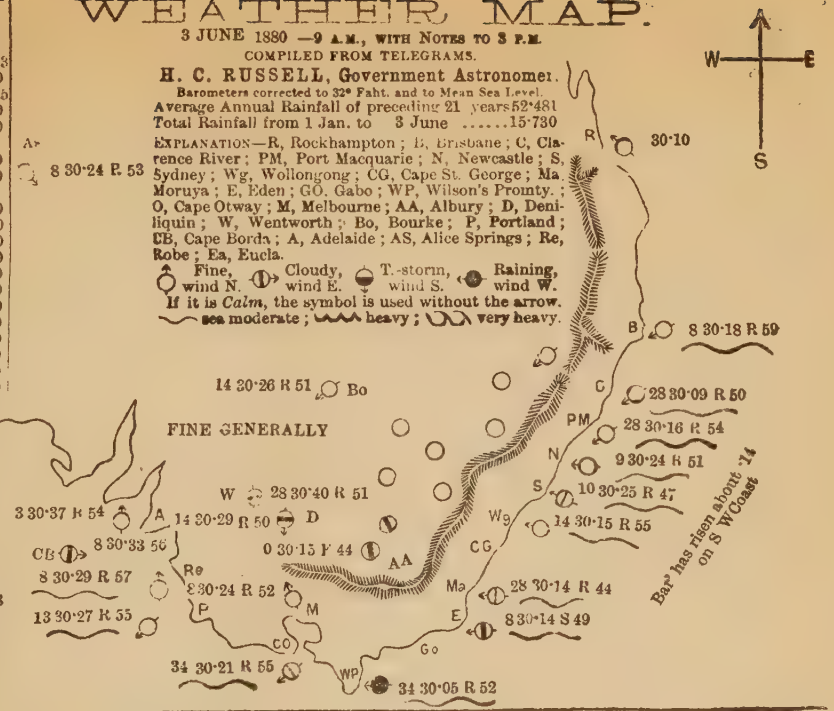
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	72	41	0·03
Tenterfi'ld	b	58	40	0
Grafton..	b	74	46	0·05
Invercll..	b	61	32	0
Bourke ..	b	70	34	0
Narrabri..	.	..	..	..
Armidale .	b	53	18	0
Bendemeer	b	60	19	0
Gunnedah	.	..	..	-
Coonab'an	n	62	26	0
P. Macqrie	b	66	46	0
Murr'undi	b	56	37	0
Cassilis ..	o	65	31	0
Mus'brook	b	64	33	0
Dubbo.. .	b	58	38	0
Mudgee ..	b	67	35	0
Maitland .	b	61	40	0
Newcastle	b	63	44	0
Orange ..	n	58	31	0
Bathurst..	fn	60	27	0
MtVictoria	n	50	20	0
Forbes.. .	b	66	32	0
SYDNEY	b	61	45	0
Wentw'th	c	66	41	0
Young...	b	66	36	0
Woll'gong	b	70	44	0
Moss Vale	n	55	32	0
Euston...	f	79	43	0
Goulburn.	b	58	27	0
Wagga...	u	62	35	0
Cape Geo.	..	..	.	.
Queanb'an	b	57	32	0
Deniliquin	u	61	43	0·03
Albury...	c	61	35	0
Bodalla ..	c	68	32	0
Cooma...	n	58	25	0
Eden.....	b	59	46	0
Gabo Isld.	b	..	..	..



WEATHER MAP.

4 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 4 June .....15·733

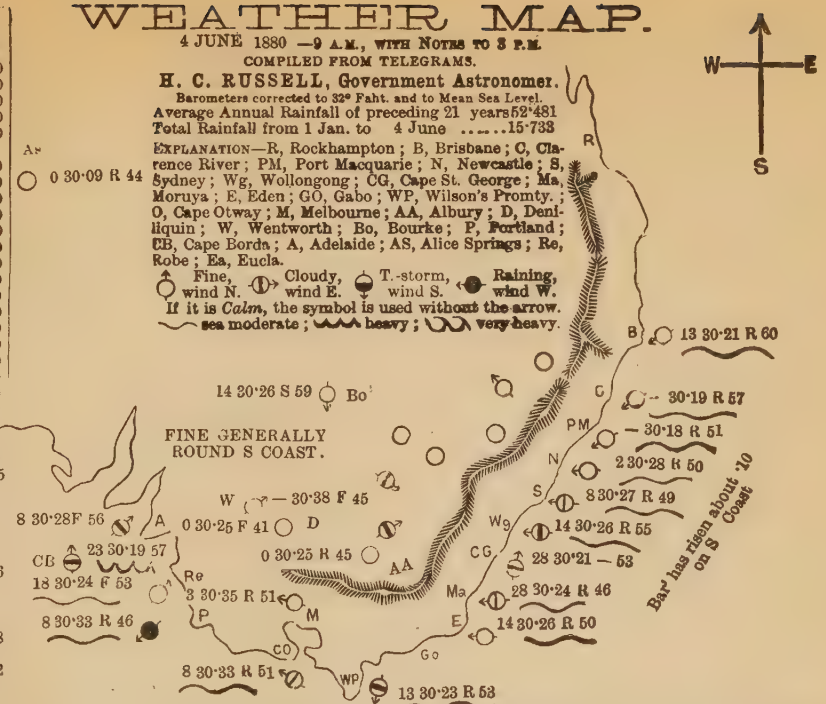
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	70	43	0
Tenterfi'ld	n	59	40	0
Grafton..	b	73	43	0
Inverell..	b	60	30	0
Bourke ..	b	65	38	0
Narrabri..	~	..	..	..
Armidale .	n	50	15	0
Bendemeer	n	61	43	0
Gunnedah	b	70	25	0
Coonab'an	n	65	25	0
P. Macqrie	b	67	44	0
Murr'undi	b	56	35	0
Cassilis ..	b	58	29	0
Mus'brook	b	62	30	0
Dubbo...	b	58	39	0
Mudgee ..	b	66	34	0
Maitland .	b	58	37	0
Newcastle	b	66	47	0
Orange ..	n	51	32	0
Bathurst..	fn	56	29	0
MtVictoria	n	51	21	0
Forbes...	b	65	33	0
SYDNEY	c	61	46	0
Wentw'th	b	56	36	0
Young...	fu	59	38	0·05
Woll'gong	b	48	45	0
Moss Vale	u	50	36	0
Euston...	..	..	..	.
Goulburn.	b	57	35	0
Wagga...	u	76	37	0
Cape Geo.	u	59	.	0·16
Queanb'an	f	52	35	0
Deniliquin	b	49	33	0
Albury...	u	54	39	0
Bodalla ..	p	67	35	0·08
Cooma...	c	54	34	0
Eden.....	c	59	46	0·02
Gabo Isld.	..	..	.	..



WEATHER MAP.

5 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 5 June .....16·083

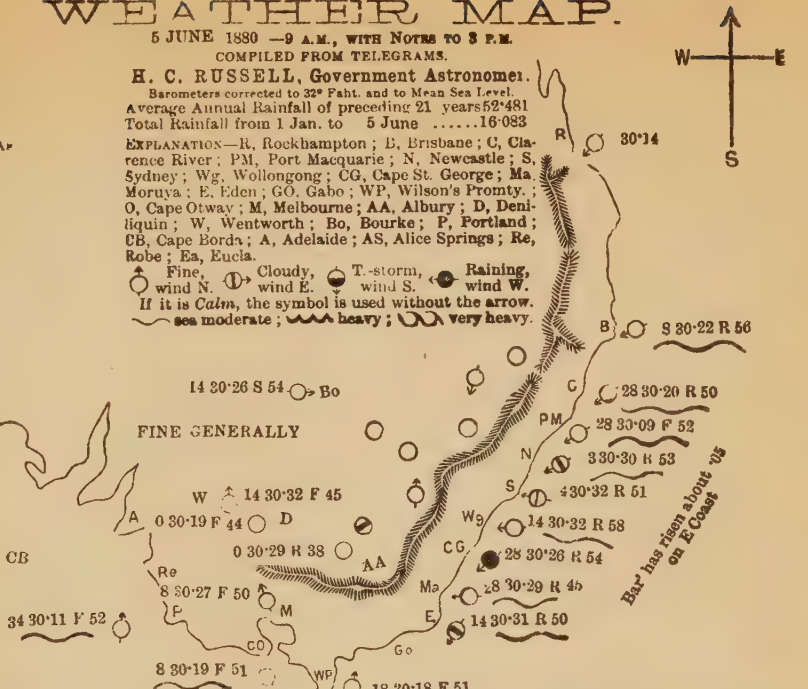
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	68	42	0
Tenterfi'ld	n	59	21	0
Grafton..	b	74	44	0
Inverell..	b	61	29	0
Bourke ..	b	72	27	0
Narrabri..	–	..	..	..
Armidale .	b	50	17	0
Bendemeer	n	59	18	0
Gunnedah	b	72	32	0
Coonab'an	n	61	24	0
P. Macqrie	b	65	45	0
Murr'undi	u	57	47	0
Cassilis ..	u	57	23	0
Mus'brook	u	61	38	0
Dubbo...	b	58	38	0
Mudgee ..	b	63	35	0
Maitland .	b	58	43	0
Newcastle	u	66	41	0
Orange ..	n	51	32	0
Bathurst..	n	56	29	0
Mt Victoria	u	50	25	0
Forbes...	b	68	32	0
SYDNEY	b	59	48	0·35
Wentw'th	b	66	37	0
Young...	u	55	38	0·02
Woll'gong	b	65	50	0·05
Moss Vale	r	51	39	0·10
Euston...	h	76	37	0
Goulburn.	u	57	32	0
Wagga...	f	51	34	0
Cape Geo.	p	56	.	0·39
Queanb'an	b	55	31	0
Deniliquin	b	43	35	0
Albury...	f	60	52	0
Bodalla ..	c	64	36	0
Cooma...	n	50	29	0
Eden....	u	60	48	0
Gabo Isld	..	..	..	..



WEATHER MAP.

7 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 7 June .....16·094

EXPLANATION—R, Rockhampton; E, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Wth'r	Max	Min	Rain
Casino....	b	70·46		0
Tenterfi'ld	c	60·24		0
Grafton..	b	69·46		0
Inverell..	b	60·30		0
Bourke ..	b	76·38		0
Narrabri..	b	64·39		0
Armidale .	u	59·20		0
Bendemeer	b	62·20		0·08
Gunnedah	..	..		..
Coonab'an	b	63·25		0
P. Macqrie	b	65·48		0
Murr'undi	b	56·38		0
Cassilis ..	b	64·31		0
Mus'brook	b	61·37		0
Dubbo...	n	58·35		0
Mudgee ..	b	69·33		0
Maitland .	b	59·40		0
Newcastle	b	66·54		0
Orange ..	u	54·30		0
Bathurst..	fn	59·28		0
MtVictoria	c	55·25		0
Forbes....	u	62·33		0
13°30'41 58 E				
SYDNEY	b	64·46		0·01
Wentw'th	b	70·43		0
Young...	n	59·37		0
Woll'gong	b	71·45		0
Moss Vale	b	55·39		0
Euston....	c	71·43		0
Goulburn.	b	61·30		0
Wagga. ...	b	66·35		0
Cape Geo.	b	59..		0
Queanb'an	b	56·30		0
Deniliquin	u	58·41		0
Albury. ...	c	62·33		0·03
Bodalla ..	n	72·29		0
Cooma....	b	59·31		0
Eden.....	b	57·43		0
Gabo Isld	..	..		..

WEATHER MAP.

8 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 8 June .....16·134

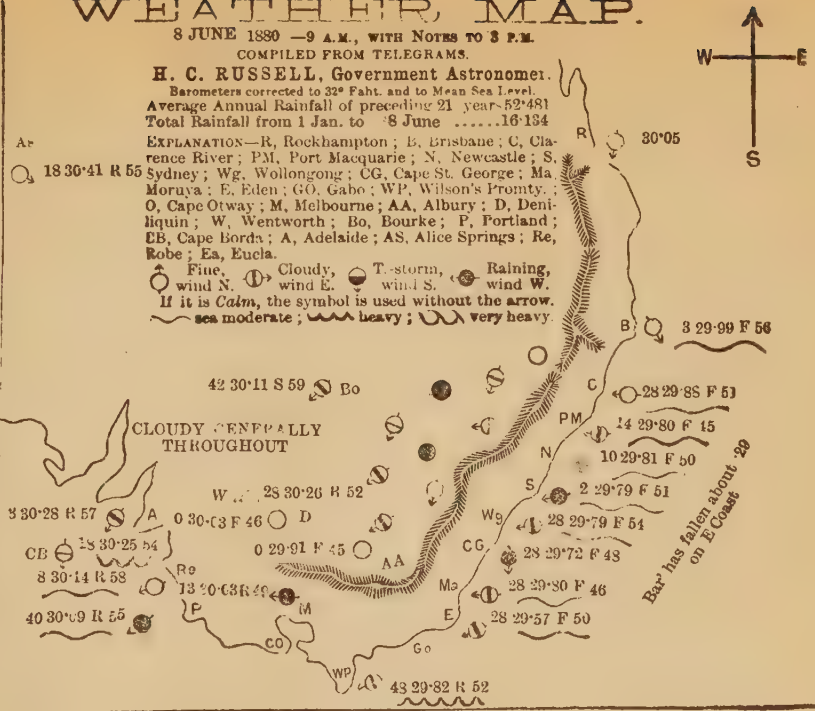
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. Thunderstorm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	70	44	0
Tenterfi'ld	u	57	24	0
Grafton..	c	75	46	0
Inverell..	u	60	29	0
Bourke ..	c	71	43	0
Narrabri..	r	65	37	0
Armidale .	u	51	21	0
Bendemeer	b	59	20	0
Gunnedah	..	..	..	..
Coonab'an	c	63	31	0·01
P. Macqrie	u	67	41	0
Murr'undi	r	57	43	0
Cassilis ..	u	66	34	0
Mus'brook	u	65	45	0
Dubbo.. .	u	58	39	0·14
Mudgee ..	u	65	31	0·11
Maitland .	u	61	44	0·10
Newcastle	r	65	48	0·03
Orange ..	r	51	34	0·50
Bathurst..	p	58	30	0·13
MtVictoria	u	36	28	0
Forbes.. .	u	65	37	0·18
0 30·42 48 E.				
SYDNEY	u	61	47	0·04
Wentw'th	b	62	46	0
Young...	c	56	43	0·22
Woll'gong	c	68	48	0
Moss Vale	r	53	41	0
Euston...	b	66	44	0
Goulburn.	b	58	41	0·06
Wagga...	u	68	42	0·26
Cape Geo.	r	55	..	0·17
Queanb'an	b	56	25	0
Deniliquin	b	48	37	0·06
Albury...	b	62	40	0·40
Bodalla ..	p	64	34	0·15
Cooma...	c	59	36	0
Eden.....	u	58	43	0·16
Gabo Isld,	..	..	..	..



Stations	W'th'r	Max	Min	Rain
Casino....	b	68	40	0
Tenterfi'ld	b	48	20	0
Grafton..	b	66	43	0
Inverell..	b	51	30	0·10
Bourke ..	b	67	36	0
Narra'ri..	b	58	32	0
Armidale .	b	50	21	0·08
Bendemeer	b	42	22	0
Gunnedah	b	61	26	0
Coonab'an	b	54	36	0·01
P. Macqrie	b	58	48	0·65
Murr'undi	u	60	45	0
Cassilis ..	n	62	27	0
Mus'brook	u	61	45	0
Dubbo...	n	55	35	0
Mudgee ..	n	62	32	0
Maitland .	b	58	53	0
Newcastle	o	59	41	0·62
Orange ..	n	46	32	0
Bathurst..	n	43	29	0
MtVictoria	n	40	26	0
Forbes...	f	61	27	0
SYDNEY	b	55	48	0
Wentw'th	d	69	49	0
Young...	f	53	35	0
Woll'gong	b	68	47	0·03
Moss Vale	n	46	33	0·05
Euston...	f	67	55	0
Goulburn.	n	52	27	0
Wagga...	f	64	36	0
Cape Geo.	b	61	.	0·26
Queanb'an	b	55	28	0
Deniliquin	b	59	46	0
Albury...	f	59	33	0
Bodalla ..	n	61	30	0
Cooma...	c	49	25	0
Eden.....	c	57	42	0
Gabo Isld.	..	..	..	..

WEATHER MAP.

9 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

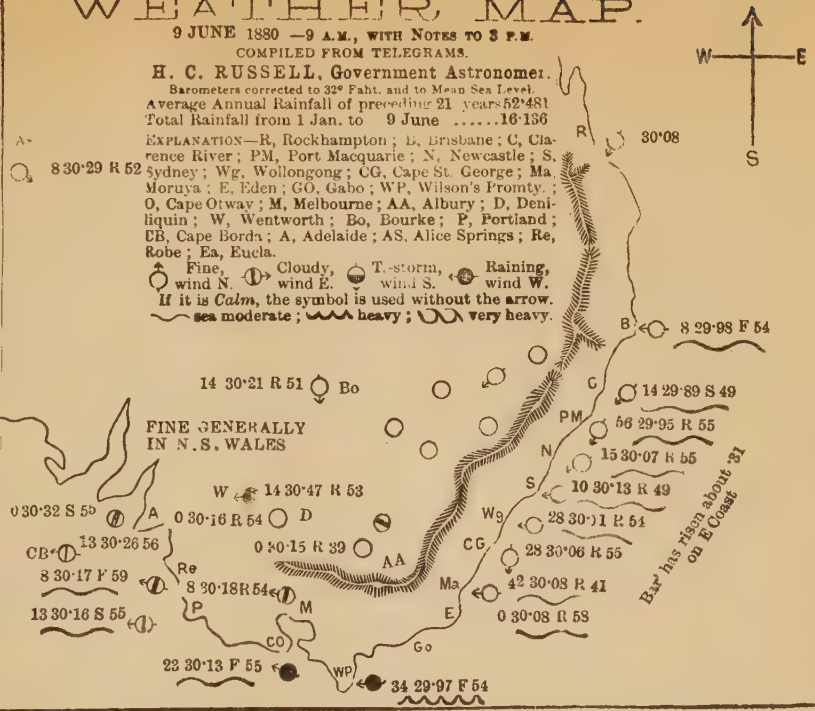
Total Rainfall from 1 Jan. to 9 June .....16·136

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. Thunderstorm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



WEATHER MAP.

10 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 10 June .....16·139

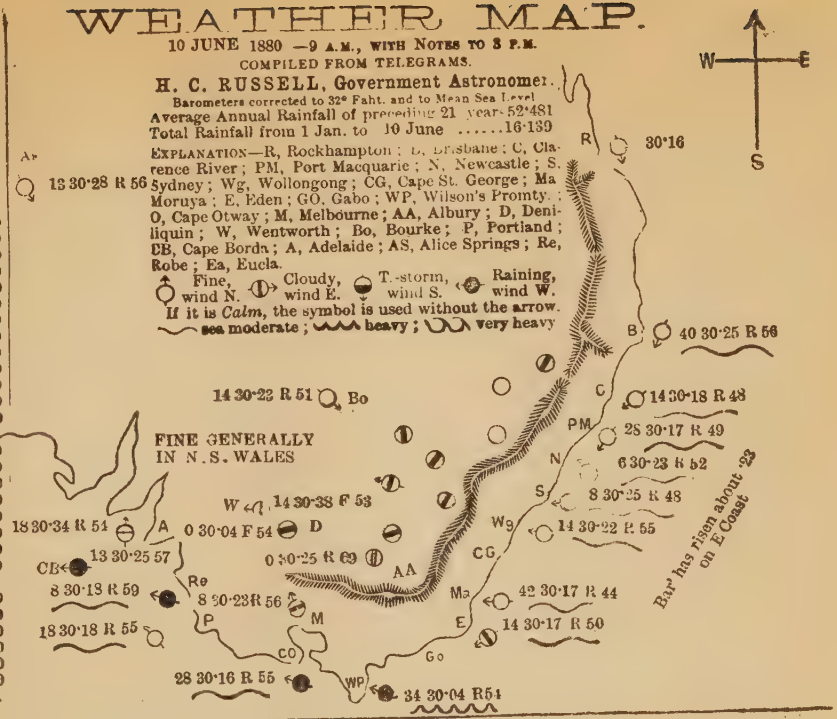
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy

Stations	W'th'r	Max	Min	Rain
Casino....	b	72	38	0
Tenterfi'ld	u	60	23	0
Grafton..	b	72	42	0
Inverell..	b	56	29	0
Bourke ..	b	64	33	0
Narrabri..	..	..	..	..
Armidale .	b	54	17	0
Bendemeer	f	52	17	0
Gunnedah	b	70	25	0
Coonab'an	f	61	27	0
P. Macqrie	b	63	44	0
Murr'undi	b	54	37	0
Cassilis ..	b	59	28	0
Mus'brook	b	62	38	0
Dubbo...	c	55	41	0
Mudgee ..	b	67	33	0
Maitland .	b	62	42	0
Newcastle	o	62	46	0
Orange ..	c	44	35	0
Bathurst..	u	56	33	0
MtVictoria	b	57	21	0
Forbes...	c	63	36	0
SYDNEY	b	58	46	0
Wentw'th	u	61	49	0
Young...	u	53	36	0
Woll'gong	b	68	43	0
Moss Vale	u	54	36	0
Euston...	u	68	51	0
Goulburn.	u	56	34	0
Wagga...	u	51	38	0
Cape Geo.	..	..	..	..
Queanb'an	u	54	34	0
Deniliquin	u	58	49	0
Albury...	c	51	36	0
Bodalla ..	b	68	33	0
Cooma...	fn	59	29	0
Edea.....	b	62	46	0
Gabo Isld	..	..	..	..



WEATHER MAP.

11 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 11 June .....16·142

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	69	35	0
Tenterfi'ld	b	60	20	0
Grafton..	f	71	39	0
Inverell..	b	59	27	0
Bourke ..	c	66	49	0
Narrabri..	b	62	33	0
Armidale .	n	50	18	0
Bendemeer	n	50	22	0
Gunnedah	b	71	24	0
Coonab'an	b	63	32	0
P. Macqrie	b	65	44	0
Murr'undi	b	59	38	0
Cassilis ..	b	59	52	0
Mus'brook	b	62	38	0
Dubbo...	u	62	43	0
Mudgee ..	f	64	33	0
Maitland .	b	59	46	0
Newcastle	b	67	46	0
Orange ..	u	51	36	0
Bathurst..	u	54	38	0
MtVictoria	b	41	22	0
Forbes...	c	65	39	0
SYDNEY	b	60	45	0
Wentw'th	b	63	43	0
Young...	n	56	45	0
Woll'gong	b	68	49	0
Moss Vale	b	53	29	0
Euston...	u	65	51	0
Goulburn.	b	54	38	0
Wagga...	u	56	48	0
Cape Geo.	b	56		0
Queanb'an	c	54	33	0
Deniliquin	u	59	48	0
Albury...	u	59	46	0
Bodalla ..	n	68	30	0
Cooma...	b	44	28	0
Eden.....	b	61	44	0
Gabo Isld	b	68	50	0

WEATHER MAP.

12 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 12 June .....16·144

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya: E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'thr	Max	Min	Rain
Casino....	u	71	40	0
Tenterfi'ld	b	60	21	0
Grafton..	b	72	43	0
Inverell..	b	55	29	0
Bourke ..	b	66	36	0
Narrabri..	..	.	..	..
Armidale .	u	55	20	0·16
Bendemeer	b	60	..	0
Gunnedah	b	69	25	0
Coonab'an	n	60	26	0
P. Macqrie	b	66	49	0
Murr'undi	b	56	36	0
Cassilis ..	n	59	25	0
Mus'brook	b	63	33	0
Dubbo...	n	59	36	0
Mudgee ..	n	69	34	0
Maitland .	b	60	40	0
Newcastle	o	65	44	0
Orange ..	n	50	30	0
Bathurst..	n	55	27	0
MtVictoria	n	41	20	0
Forbes...	b	63	35	0
23 30·32	60	E		
SYDNEY	b	63	44	0
Wentw'th	b	70	40	0
Young...	n	62	36	0
Woll'gong	b	70	41	0
Moss Vale	n	52	32	0
Euston...	u	73	51	0
Goulburn.	n	56	28	0
Wagga...	b	63	38	0
Cape Geo.	p	57	.	0·05
Queanb'an	n	57	30	0
Deniliquin	b	50	38	0
Albury...	f	61	40	0
Bodalla ..	b	72	32	0
Cooma...	nf	60	23	0
Eden....	b	62	45	0
Gabo Isld	b	64	49	0

WEATHER MAP.

14 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

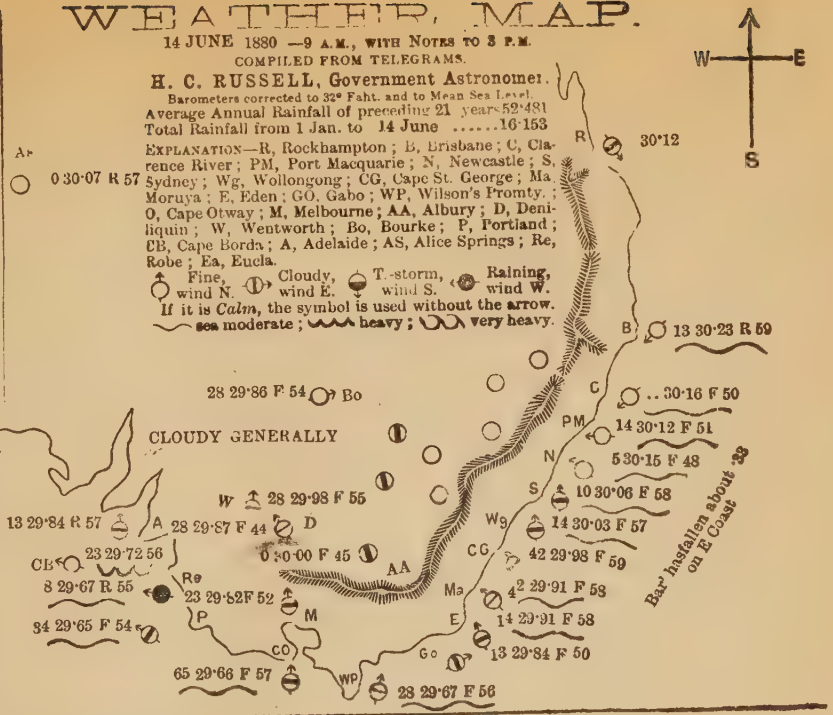
Total Rainfall from 1 Jan. to 14 June .....16·153

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	W'th'r	Max	Min	Rain
Casino....	b	74	44	0
Tenterfi'ld	b	62	22	0
Grafton..	b	73	50	0
Inverell..	b	60	30	0
Bourke ..	b	74	42	0
Narrabri..	b	60	41	0
Armidale .	b	52	16	0
Bendemeer	b	62	17	0
Gunnedah	u	72	28	0
Coonab'an	u	65	31	0
P. Macqrie	b	67	46	0
Murr'undi	b	59	38	0
Cassilis ..	n	64	32	0
Mus'brook	b	44	35	0
Dubbo...	c	56	36	0
Mudgee ..	n	70	36	0
Maitland .	f	69	40	0
Newcastle	o	55	44	0
Orange ..	u	52	34	0
Bathurst..	fn	60	29	0
MtVictoria	c	94	26	0
Forbes...	u	62	39	0
SYDNEY	c	65	48	0·01
Wentw'th	u	65	48	0
Young...	fu	59	36	0
Woll'gong	c	72	49	0
Moss Vale	b	54	38	0
Euston...	u	78	50	0
Goulburn.	b	60	29	0
Wagga...	u	68	33	0
Cape Geo.	b	66	.	0
Queanb'an	n	56	29	0
Deniliquin	c	54	45	0
Albury...	c	60	35	0
Bodalla ..	n	68	32	0
Cooma...	c	55	34	0
Eden.....	b	57	42	0
Gabo Isld.	u	60	44	0

WEATHER MAP.

15 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

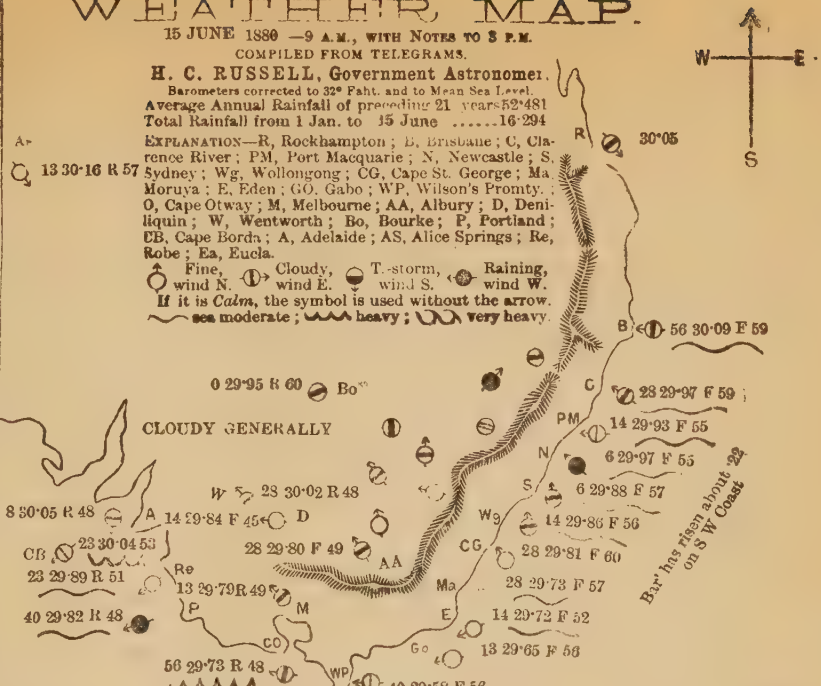
Total Rainfall from 1 Jan. to 15 June .....16·294

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	W'th'r	Max	Min	Rain
Casino....	c	72	41	0
Tenterfi'ld	u	63	30	0
Grafton..	u	74	53	0
Inverell..	r	64	30	0·05
Bourke ..	c	78	53	0
Narrabri..	u	70	41	0
Armidale .	r	58	29	0·43
Bendemeer	r	63	25	0
Gunnedah	..	..	..	..
Coonab'an	r	67	45	0·58
P. Macqrie	u	69	49	0
Murr'undi	r	60	54	0·89
Cassilis ..	r	58	29	0·93
Mus'brook	r	69	50	0 04
Dubbo...	b	62	42	0·79
Mudgee ..	u	67	34	0·58
Maitland .	r	65	42	0·25
Newcastle	r	68	47	0.13
Orange ..	f	56	43	1·74
Bathurst..	u	60	31	0·47
MtVictoria	p	70	31	0·25
Forbes...	c	69	41	0·21
SYDNEY	u	68	55	0·14
Wentw'th	u	73	40	0·01
Young...	u	57	44	0·41
Woll'gong	c	70	55	0
Moss Vale	b	53	44	0·17
Euston...	u	69	38	0
Goulburn.	u	61	45	0·13
Wagga...	b	57	40	0·34
Cape Geo.	b	63	..	0
Queanb'an	b	56	34	0
Deniliquin	b	46	40	0
Albury...	b	54	42	0·15
Bodalla ..	n	58	35	0
Cooma...	b	59	40	0·07
Edea.....	b	56	48	0
Gabo Isld.	b	50	..	0

WEATHER MAP.

16 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 16 June .....16·295

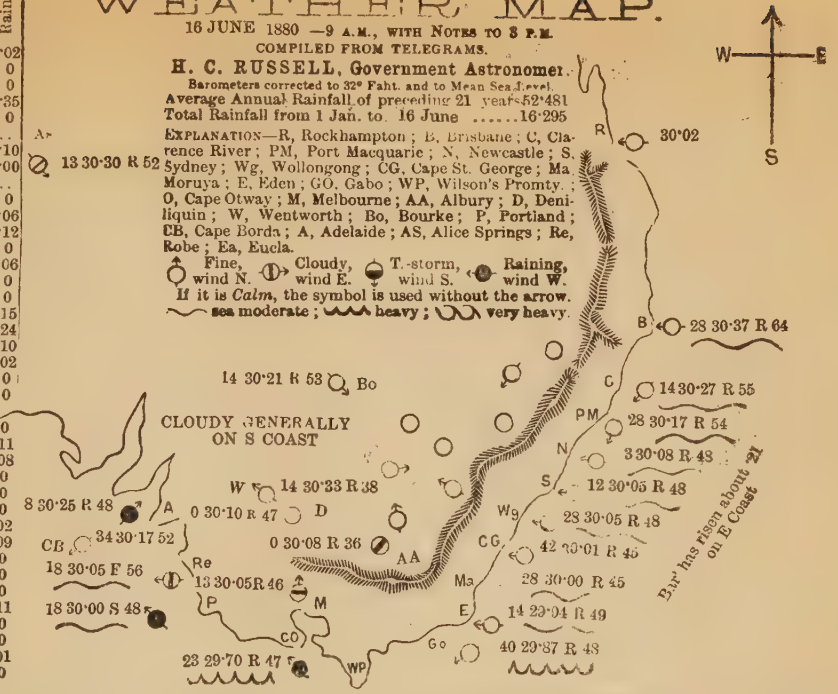
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	70	50	0·02
Tenterfi'ld	b	62	31	0
Grafton..	b	62	53	0
Inverell..	b	61	29	0·35
Bourke ..	b	73	35	0
Narrabri..	..	..	..	..
Armidale .	u	56	30	1·10
Bendemeer	u	55	45	1·00
Gunnedah	..	..	..	..
Coonab'an	b	65	35	0
P. Macqrie	b	61	49	0·06
Murr'undi	b	58	41	0·12
Cassilis ..	b	65	32	0
Mus'brook	b	68	43	0·06
Dubbo...	b	63	41	0
Mudgee ..	b	64	30	0
Maitland .	b	64	47	0·15
Newcastle	b	66	45	0·24
Orange ..	n	55	32	0·10
Bathurst..	b	58	32	0·02
MtVictoria	n	55	17	0
Forbes...	b	65	27	0
SYDNEY	b	66	45	0
Wentw'th	n	61	31	0·11
Young...	b	60	38	0·08
Woll'gong	b	71	44	0
Moss Vale	b	57	33	0
Euston...	b	69	30	0
Goulburn.	b	54	32	0·02
Wagga...	u	66	33	0·09
Cape Geo.	b	66	.	0
Queanb'an	b	57	33	0
Deniliquin	b	45	32	0
Albury...	n	58	28	0·11
Bodalla ..	n	68	31	0
Cooma...	n	56	25	0
Eden.....	b	62	43	0·01
Gabo Isld	b	61	44	0



WEATHER MAP.

17 JUNE 1880—9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

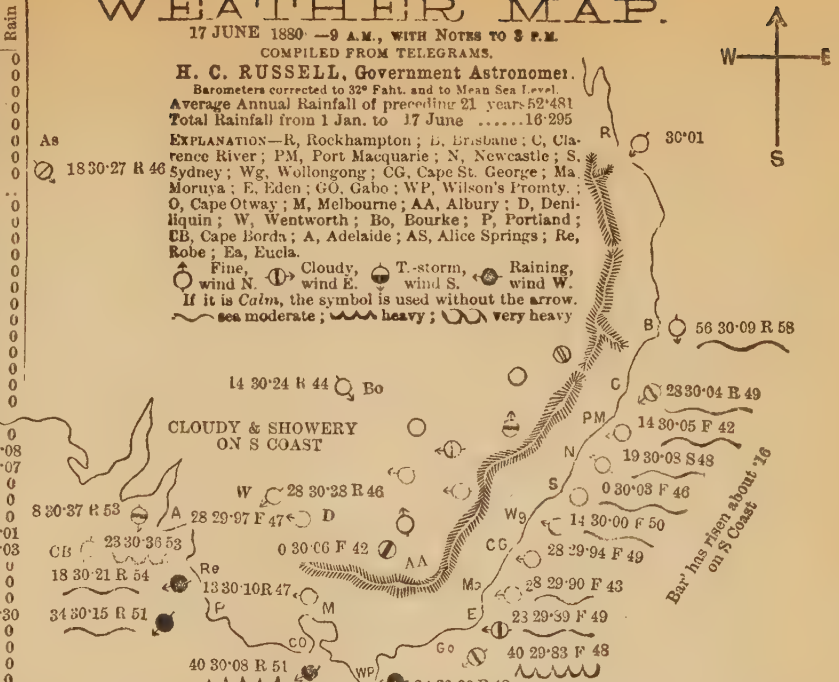
Total Rainfall from 1 Jan. to 17 June .....16·295

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy



Stations	W'ath'r	Max	Min	Rain
Casino....	u	72 48		0
Tenterfi'ld	u	52 19		0
Grafton..	u	69 45		0
Inverell..	b	52 27		0
Bourke ..	b	64 35		0
Narrabri..	n	67 36		0
Armidale .	b	50 13		0
Bendemeer	b	51 14		0
Gunnedah	..	..	..	..
Coonab'an	u	52 26		0
P. Macqrie	b	60 38		0
Murr'undi	c	52 28		0
Cassilis ..	c	65 31		0
Mus'brook	b	58 38		0
Dubbo...	b	52 37		0
Mudgee ..	u	63 37		0
Maitland .	b	55 42		0
Newcastle	b	59 42		0
Orange ..	c	42 32		0
Bathurst..	b	47 34		0
MtVictoria	c	44 19		0
Forbes...	b	70 37		0
SYDNEY	b	56 45		0
Wentw'th	n	58 34		0·08
Young...	u	54 42		0·07
Woll'gong	b	63 40		0
Moss Vale	b	51 35		0
Euston...	b	59 33		0
Goulburn.	b	47 36		0·01
Wagga ..	u	56 35		0·03
Cape Geo.	b	58 .		0
Queanb'an	b	49 36		0
Deniliquin	b	43 31		0
Albury...	c	48 33		0·30
Bodalla ..	n	64 27		0
Cooma ...	n	52 30		0
Eden.....	b	62 42		0
Gabo Isld	u	58 44		0

WEATHER MAP.

18 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 18 June .....16·295

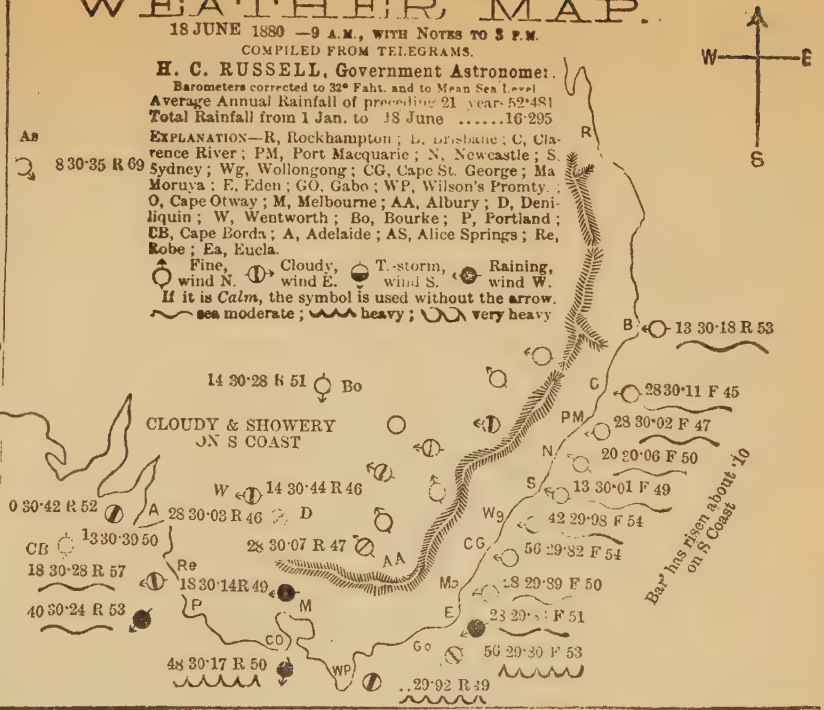
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy

Stations	W'th'r	Max	Min	Rain
Casino....	b	69	31	0
Tenterfi'ld	b	51	19	0
Grafton..	b	67	39	0
Inverell..	b	51	24	0
Bourke ..	n	64	36	0
Narrabri..	..	..	..	..
Armidale .	b	45	16	0
Bendemeer	b	49	15	0
Gunnedah	..	..	..	..
Coonab'an	u	51	27	0
P. Macqrie	b	60	40	0
Murr'undi	u	49	40	0
Cassilis ..	u	59	32	0
Mus'brook	b	57	39	0
Dubbo...	u	52	39	0
Mudgee ..	u	63	33	0
Maitland .	b	56	45	0
Newcastle	b	60	41	0
Orange ..	r	43	35	0·10
Bathurst..	u	44	37	0
MtVictoria	u	42	20	0
Forbes...	t	68	35	0
SYDNEY	b	56	45	0
Wentw'th	f	58	41	0
Young...	u	49	42	0
Woll'gong	b	49	46	0
Moss Vale	b	44	35	0
Euston...	f	59	32	0
Goulburn.	u	46	35	0
Wagga...	u	49	40	1·40
Cape Geo.	b	58	[illegible]	0
Queanb'an	b	59	35	0
Deniliquin	u	46	41	0
Albury...	u	50	39	0
Bodalla ..	n	61	33	0
Cooma...	n	50	32	0
Eden....	p	53	47	0·01
Gabo Isld.	q	58	44	0·40



WEATHER MAP.

19 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 19 June .....16·295

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	64·33		0
Tenterfi'ld	b	50·18		0
Grafton..	b	68·35		0
Inverell..	b	49·30		0
Bourke ..	u	65·42		0
Narrabri..	b	57·39		0
Armidale .	u	46·18		0
Bendemeer	b	49·22		0
Gunnedah	b	62·31		0
Coonab'an	b	58·35		0
P. Macqrie	b	63·43		0
Murr'undi	b	50·41		0
Cassilis ..	b	54·35		0
Mus'brook	b	59·38		0
Dubbo...	b	53·41		0
Mudgee ..	b	56·42		0
Maitland .	b	58·46		0
Newcastle	b	61·49		0
Orange ..	u	43·33		0·12
Bathurst..	n	45·32		0·03
MtVictoria	u	45·21		0
Forbes...	c	59·37		0
SYDNEY	b	60·43		0
Wentw'th	n	61·38		0
Young...	b	48·37		0
Woll'gong	b	68·44		0
Moss Vale	b	48·33		0
Euston...	b	58·42		0
Goulburn.	b	49·30		0·06
Wagga...	f	51·35		0
Cape Geo.	b	55·[illegible]		0·05
Queanb'an	b	54·26		0
Deniliquin	b	49·31		0
Albury...	f	57·28		0
Bodalla ..	b	63·33		0
Cooma...	u	50·27		0
Eden.....	p	54·45		0·04
Gabo Isld	p	54·44		0·43

WEATHER MAP.

21 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 21 June .....16·295

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	65 30		0
Tenterfi'ld	b	53 18		0
Grafton..	b	65 35		0
Inverell..	b	52 22		0
Bourke ..	b	62 30		0
Narrabri..	b	57 29		0
Armidale .	b	48 14		0
Bendemeer	b	54 14		0
Gunnedah	b	60 19		0
Coonab'an	n	51 24		0
P. Macqrie	b	58 44		0
Murr'undi	b	51 38		0
Cassilis ..	b	58 30		0
Mus'brook	b	55 29		0
Dubbo...	n	55 31		0
Mudgee ..	n	63 28		0
Maitland .	b	56 36		0
Newcastle	b	57 45		0·01
Orange ..	n	43 25		0
Bathurst..	n	49 24		0
MtVictoria	n	44 14		0
Forbes...	b	61 28		0
SYDNEY	c	53 42		0
Wentw'th	nf	56 27		0
Young...	n	51 31		0
Woll'gong	c	58 46		0
Moss Vale	b	44 32		0
Euston...	c	65 30		0
Goulburn.	b	53 27		0
Wagga...	n	62 27		0
Cape Geo.	c	53 .		0
Queanb'an	b	51 25		0
Deniliquin	b	57 25		0
Albury...	b	54 25		0
Bodalla ..	b	59 38		0
Cooma...	c	45 33		0·02
Eden	u	50 44		0·16
Gabo Isld	p	53 45		0·40

WEATHER MAP.

22 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS

H. C. RUSSELL, Government Astronomer

Barometers corrected to 32° Faht. and to Mean Sea Level

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 22 June .....16·295

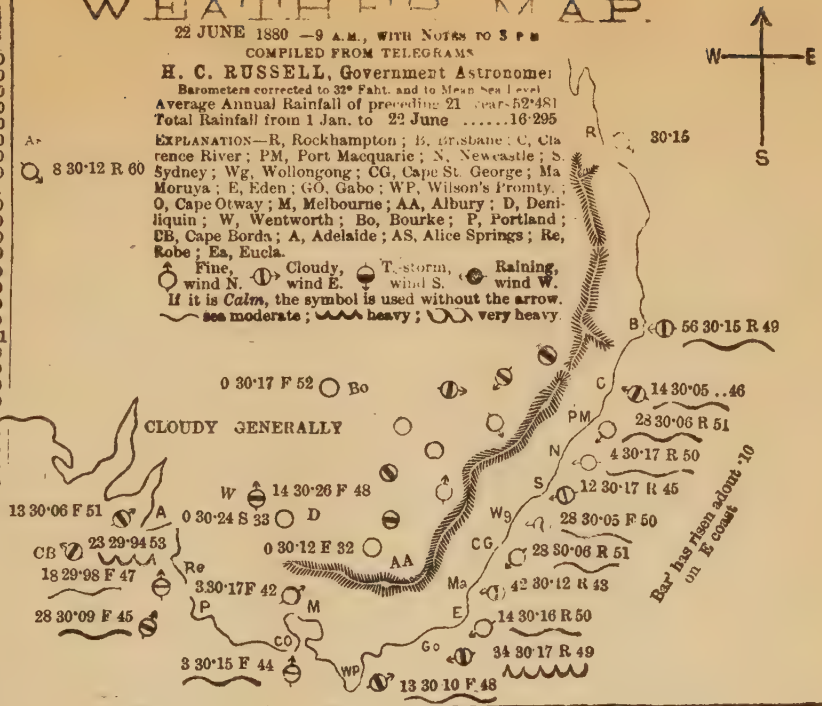
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Wthr	Max	Min	Rain
Casino....	c	63	34	0
Tenterfi'ld	u	52	15	0
Grafton..	u	68	38	0
Inverell..	u	48	29	0
Bourke ..	b	63	39	0
Narrabri..	u	56	36	0
Armidale .	b	47	17	0
Bendemeer	b	49	19	0
Gunnedah	..	..	..	..
Coonab'an	c	55	29	0
P. Macqrie	b	60	47	0
Murr'undi	c	49	37	0
Cassilis ..	b	55	24	0
Mus'brook	b	58	26	0
Dubbo...	b	51	34	0
Mudgee ..	n	65	34	0
Maitland .	c	58	43	0
Newcastle	b	59	47	0·01
Orange ..	n	45	30	0
Bathurst..	n	50	27	0
MtVictoria	n	46	18	0
Forbes...	b	68	28	0
SYDNEY	c	57	43	0
Wentw'th	u	53	30	0
Young...	c	53	34	0
Woll'gong	c	61	43	0
Moss Vale	n	48	32	0
Euston...	b	65	30	0
Goulburn.	b	53	27	0
Wagga...	n	61	29	0
Cape Geo.	b	59	.	0
Queanb'an	b	51	25	0
Deniliquin	b	54	20	0
Albury...	b	56	27	0
Bodalla ..	p	63	31	0
Cooma...	n	48	23	0
Eden.....	b	55	46	0
Gabo Isld.	u	55	48	0



WEATHER MAP.

23 JUNE 1880 —9 A.M., WITH NOTES TO 8 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 23 June .....16·296

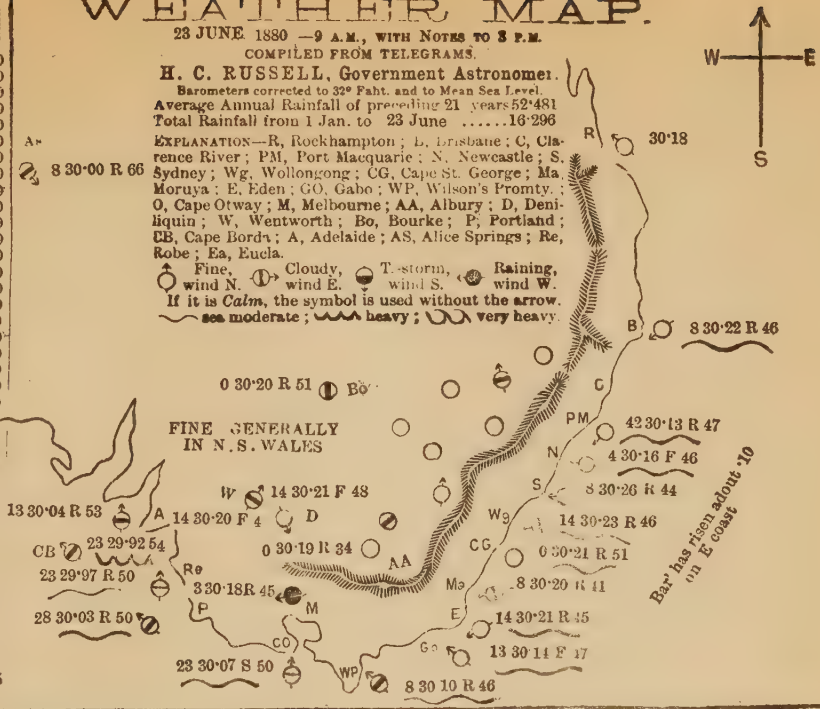
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. Thunderstorm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	b	64·32		0
Tenterfi'ld	b	50·15		0
Grafton..	b	68·36		0
Inverell..	c	51·34		0
Bourke ..	u	71·32		0
Narrabri..	b	57·33		0
Armidale .	n	45·10		0
Bendemeer	b	52·15		0
Gunnedah	b	64·20		0
Coonab'an	n	61·21		0
P. Macqrie	b	61·41		0
Murr'undi	b	53·33		0
Cassilis ..	n	52·22		0
Mus'brook	n	58·29		0
Dubbo...	n	53·33		0
Mudgee ..	n	65·29		0
Maitland .	b	57·34		0
Newcastle	b	60·39		0
Orange ..	n	48·24		0
Bathurst..	n	53·22		0
MtVictoria	n	47·18		0
Forbes...	b	74·28		0
23 20·71 59 E				
SYDNEY	b	57·41		0
Wentw'th	u	60·43		0
Young...	n	55·31		0
Woll'gong	c	64·38		0
Moss Vale	n	46·27		0
Euston...	c	62·31		0
Swallburn.	b	57·21		0
Wagga...	b	62·28		0
Cape Geo.	b	57·.		0
Queanb'an	n	51·24		0
Deniliquin	b	75·34		0
Albury...	f	55·27		0
Bombala ..	n	64·29		0
Cooma...	fn	55·20		0
Eden....	b	56·41		0
Gabo Isld	m	57·44		0·05



WEATHER MAP.

24 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 24 June .....16·299

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	c	69	40	0
Tenterfi'ld	u	55	22	0
Grafton..	u	67	39	0
Inverell..	..	..	..	..
Bourke ..	r	59	41	0
Narrabri..	u	57	40	0
Armidale .	u	49	21	0
Bendemeer	u	55	18	0
Gunnedah	..	..	..	..
Coonab'an	u	61	26	0
P. Macqrie	c	64	44	0
Murr'undi	c	52	39	0
Cassilis ..	c	56	33	0
Mus'brook	u	57	34	0
Dubbo...	u	52	37	0
Mudgee ..	u	68	29	0
Maitland .	u	56	37	0
Newcastle	u	62	41	0
Orange ..	..	..	..	..
Bathurst..	u	53	26	0
MtVictoria	u	43	22	0
Forbes...	u	67	26	0
Ea. 23 29·74 54 Ea				
SYDNEY	u	59	42	0
Wentw'th	q	62	33	0·04
Young...	u	54	42	0
Woll'gong	u	64	42	0
Moss Vale	u	47	30	0
Euston....	u	57	44	0
Goulburn.	u	57	27	0
Wagga...	r	60	34	0·05
Cape Geo.	u	60	..	0
Queanb'an	b	51	30	0
Deniliquin	p	56	27	0
Albury...	r	56	38	0·10
Bodalla ..	..	..	..	..
Cooma...	u	52	22	0
Eden.....	u	55	43	0
Gabo Isld.	u	60	45	0

WEATHER MAP.

25 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 25 June .....16·304

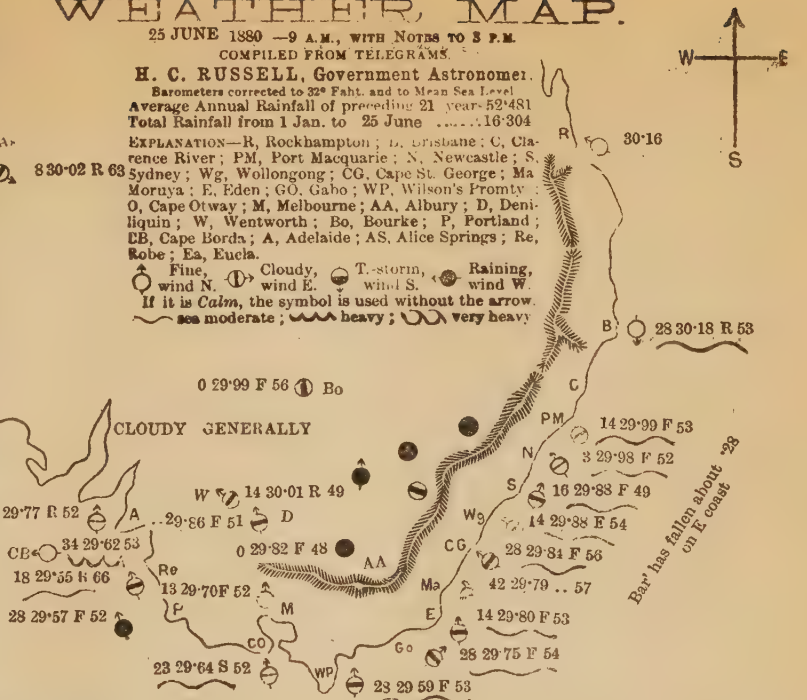
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy

Stations	W'th'r	Max	Min	Rain
Casino....	b	69	44	0
Tenterfi'ld	u	57	25	0
Grafton..	b	58	44	0
Inverell..	u	54	33	0
Bourke ..	u	64	47	0
Narrabri..	u	55	46	0
Armidale .	b	53	29	0
Bendemeer	b	53	36	0
Gunnedah	..	..	..	..
Coonab'an	d	55	41	0
P. Macqrie	c	60	48	0
Murr'undi	u	55	45	0
Cassilis ..	u	52	35	0
Mus'brook	u	56	42	0
Dubbo...	r	52	42	0
Mudgee ..	r	56	42	0
Maitland .	u	52	40	0
Newcastle	u	61	43	0·01
Orange ..	r	46	38	0·25
Bathurst..	p	45	38	0·06
MtVictoria	u	50	28	0
Forbes...	u	53	42	0·40
28 30·03 53 Ea.				
SYDNEY	u	57	44	0·01
Wentw'th	c	55	45	0·08
Young...	p	49	44	0·25
Woll'gong	c	59	51	0
Moss Vale	u	51	41	0·04
Euston...	b	54	44	0·13
Goulburn.	u	53	33	0
Wagga...	r	47	41	0·95
Cape Geo.	c	57	.	0
Queanb'an	u	45	34	0·17
Deniliquin	u	52	45	0·34
Albury...	r	49	41	1·12
Bodalla ..	p	53	34	0·03
Cooma...	c	45	32	0
Eden.....	u	55	42	0·18
Gabo Isld	u	55	50	0



WEATHER MAP.

26 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 26 June .....16·304

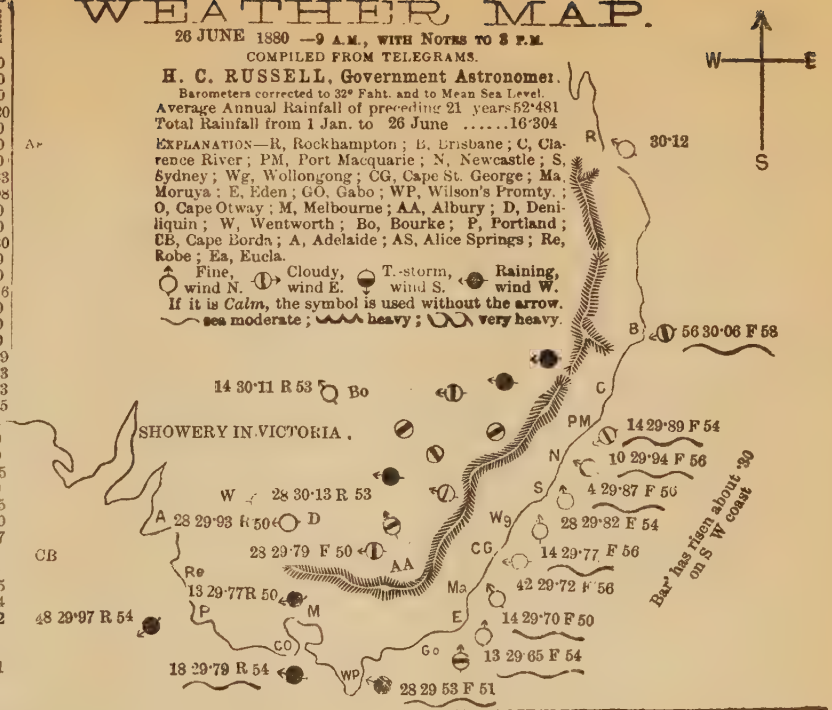
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....	u	77 52		0
Tenterfi'ld	r	64 35		0
Grafton..	u	70 49		0
Inverell..	p	62 33		0·20
Bourke ..	b	61 47		0
Narrabri..	u	64 44		0
Armidale .	u	56 32		0
Bendemeer	b	60 33		0·43
Gunnedah	u	60 33		0·08
Coonab'an	u	57 40		0
P. Macqrie	u	61 57		0
Murr'undi	u	59 37		0·30
Cassilis ..	u	55 42		0
Mus'brook	u	61 50		0
Dubbo...	u	53 45		0·16
Mudgee ..	u	52 45		0
Maitland .	b	65 48		0
Newcastle	b	68 51		0
Orange ..	u	46 41		0·19
Bathurst..	p	49 40		0·13
Mt Victoria	u	51 28		0·03
Forbes...	c	60 33		0·15
		E.		
SYDNEY	b	67 53		0
Wentw'th	b	64 46		0
Young...	p	50 47		0·95
Woll'gong	b	72 47		0
Moss Vale	b	55 43		0·05
Euston...	u	63 44		0·20
Goulburn.	b	58 43		0·17
Wagga ..	d	51 45		0
Cape Geo.	c	60		0
Queanb'an	u	48 42		0·15
Deniliquin	b	57 45		0·54
Albury...	u	52 42		0·72
Bodalla .	n	65 32		0
Cooma ...	u	54 39		0
Eden.....	b	59 45		0·01
Gabo Isld	c	66 49		0



WEATHER MAP.

28 JUNE 1889 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 28 June .....16·304

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	W'th'r	Max	Min	Rain
Casino....		72	44	0
Tenterfi'ld	b	53	21	0
Grafton..	b	70	43	0
Inverell..	b	56	29	0·05
Bourke ..	b	64	35	0
Narrabri..	b	61	36	0
Armidale .	b	51	20	0
Bendemeer	b	56	19	0
Gunnedah	b	70	23	0
Coonab'an	b	55	37	0
P.Macqrie	b	67	49	0
Murr'undi	b	55	39	0
Cassilis..	b	53	30	0
Mus'brook	b	63	35	0
Dubbo...	b	56	38	0
Mudgee..	b	61	37	0
Maitland .	b	63	40	0
Newcastle	b	65	47	0
Orange ..	b	46	33	0
Bathurst..	b	50	35	0·09
Mt Victoria	n	47	19	0
Forbes...	f	56	34	0
SYDNEY	b	62	43	0
Wentw'th	u	60	45	0
Young...	b	52	36	0
Woll'gong	b	66	45	0
Moss Vale	b	51	33	0
Euston...	u	62	39	0
Goulburn.	b	54	29	0
Wagga...	b	64	35	0·03
Cape Geo.	b	62	.	0
Queanb'an	b	57	27	0
Deniliquin	b	49	36	0
Albury...	b	57	28	0
Bodalla ..	n	64	31	0
Cooma ...	c	53	32	0·01
Eden.....	u	57	44	0·34
Gabo Isld.	..	..	..	..

WEATHER MAP.

29 JUNE 1880 —9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

Total Rainfall from 1 Jan. to 29 June .....16·304

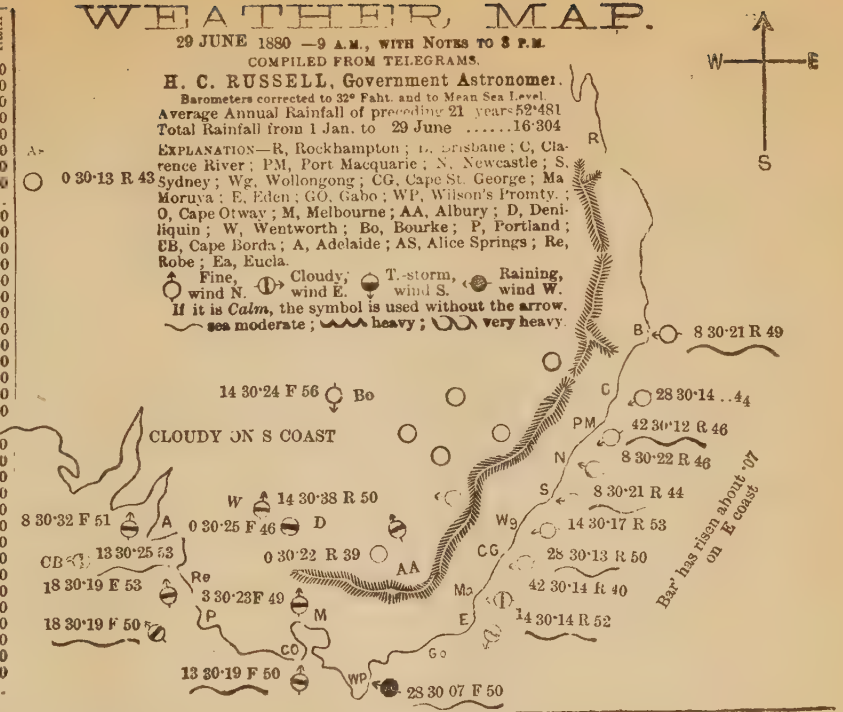
EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.

Stations	Weather	Max	Min	Rain
Casino....		69	30	0
Tenterfi'ld	b	52	13	0
Grafton..	b	69	35	0
Inverell..	b	55	25	0
Bourke ..	b	66	33	0
Narrabri..	b	58	35	0
Armidale .	b	49	16	0
Bendemeer	b	5-	18	0
Gunnedah	..	..	..	..
Coonab'an	n	56	22	0
P.Macqrie	b	59	41	0
Murr'undi	b	51	33	0
Cassilis..	n	55	28	0
Mus'brook	b	59	31	0
Dubbo...	b	54	34	0
Mudgee..	b	66	31	0
Maitland .	b	56	37	0
Newcastle	b	61	39	0
Orange ..	n	45	30	0
Bathurst..	nf	49	24	0
Mt Victoria	n	44	16	0
Forbes...	f	5-	27	0
13 30·26 53 Ea.				
SYDNEY	b	56	41	0
Wentw'th	u	57	44	0
Young...	u	55	33	0
Woll'gong	b	61	40	0
Moss Vale	n	46	32	0
Euston...	u	59	40	0
Goulburn.	n	51	25	0
Wagga...	f	64	33	0
Cape Geo.	b	54	..	0
Queanb'an	b	52	26	0
Deniliquin	u	56	38	0
Albury...	f	57	30	0
Bodalla ..	n	60	27	0
Cooma...	n	48	32	0
Eden.....	u	54	47	0
Gabo Isld	..	..	..	..



WEATHER MAP.

30 JUNE 1880—9 A.M., WITH NOTES TO 3 P.M.

COMPILED FROM TELEGRAMS.

H. C. RUSSELL, Government Astronomer.

Barometers corrected to 32° Faht. and to Mean Sea Level.

Average Annual Rainfall of preceding 21 years 52·481

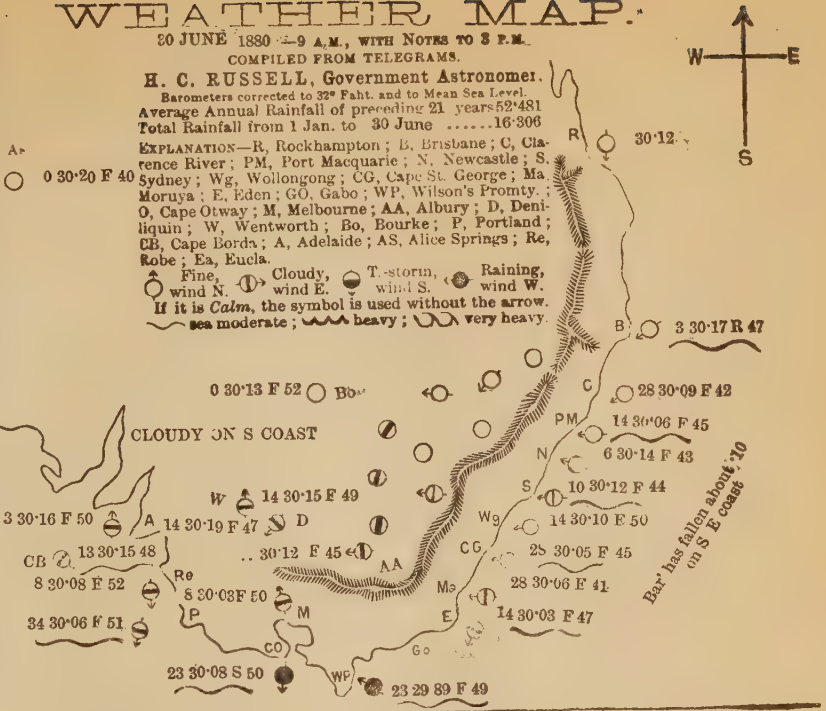
Total Rainfall from 1 Jan. to 30 June .....16·306

EXPLANATION—R, Rockhampton; B, Brisbane; C, Clarence River; PM, Port Macquarie; N, Newcastle; S, Sydney; Wg, Wollongong; CG, Cape St. George; Ma, Moruya; E, Eden; GO, Gabo; WP, Wilson's Promty.; O, Cape Otway; M, Melbourne; AA, Albury; D, Deniliquin; W, Wentworth; Bo, Bourke; P, Portland; CB, Cape Borda; A, Adelaide; AS, Alice Springs; Re, Robe; Ea, Eucla.

Fine, wind N. Cloudy, wind E. T.-storm, wind S. Raining, wind W.

If it is *Calm*, the symbol is used without the arrow.

sea moderate; heavy; very heavy.



Stations	W'th'r	Max	Min	Rain
Casino....	f	68	28	0
Tenterfi'ld	b	55	13	0
Grafton..	b	69	36	0
Inverell..	b	52	23	0·05
Bourke ..	n	63	32	0
Narrabri..	b	58	37	0
Armidale .	n	49	10	0
Bendemeer	n	53	16	0
Gunnedah	..	..	..	..
Coonab'an	n	60	21	0
P.Macqrie	b	63	39	0
Murr'undi	b	52	40	0
Cassilis..	..	..	..	..
Mus'brook	b	56	30	0
Dubbo...	f	55	38	0
Mudgee..	n	63	30	0
Maitland .	b	57	32	0
Newcastle	b	63	38	0
Orange ..	nf	49	24	0
Bathurst..	nf	55	26	0
MtVictoria	b	49	17	0
Forbes...	u	62	29	0
SYDNEY	c	58	43	0
Wentw'th	u	59	42	0
Young...	u	48	36	0
Woll'gong	b	68	39	0
Moss Vale	b	50	29	0
Euston...	u	59	44	0
Goulburn.	u	52	29	0
Wagga...	u	48	37	0
Cape Geo.	b	59	.	0
Queanb'an	c	50	31	0
Deniliquin	u	58	45	0
Albury...	c	50	36	0
Bodalla ..	n	66	29	0
Cooma...	nf	54	30	0
Eden.....	c	58	43	0
Gabo Isld	..	..	..	..

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